

Eastern

ILLINOIS UNIVERSITY

2001-2002 Undergraduate Catalog



This catalog is presented to enable prospective students and others to learn about Eastern Illinois University. It includes information concerning admission, enrollment, fees, housing, policies, and program and course offerings for Academic Year 2001-02. However, its provisions are not to be regarded as irrevocable contractual commitments between the University and the student. The University reserves the right to change any provision or requirement contained in this publication at any time within the student's term of residence. For updated information on significant policy and curricular revisions, see the online catalog at <http://www.eiu.edu/~catalog>.

OPTIONAL CATALOG REQUIREMENTS: A native student may choose to graduate under the requirements stated in the Eastern Illinois University catalog current at the time of his/her entrance to the University or under the requirements stated in a subsequent catalog published prior to his/her graduation. An undergraduate transfer student may choose to graduate under the requirements stated in the Eastern Illinois University catalog current at the time he or she initially enrolled at another college or university provided that catalog did not precede his/her enrollment at Eastern Illinois University by more than three years. Such a student may choose to graduate under subsequent catalogs on the same basis as native students.

The catalog options for a student who was concurrently enrolled at any college while still enrolled in high school begin with the catalog in effect during the first semester of college enrollment subsequent to graduation from high school. In no case may a student combine or choose various requirements from several catalogs in order to achieve minimal curriculum. During periods of transition, deans, in consultation with department chairpersons, are authorized to make such curriculum adjustments to graduation plans as will insure academically meaningful programs. Copies of all such authorizations must be filed with the Records Office.

THE STUDENT'S RESPONSIBILITY: Certain requirements must be met before a degree is granted. These requirements concern such things as courses, majors and minors, and residence. It is important for students to acquaint themselves with these requirements and to continue to keep themselves informed about them during their college careers. It is also necessary in the general administration of the University to establish policies and regulations. It is important that students understand the policies and regulations which they are expected to follow. When changes are announced between catalog publications, they are published in the Official Notices in the *Daily Eastern News* and posted on the official bulletin boards of the Offices of the President and of the Dean of Enrollment Management.

ILLINOIS ARTICULATION INITIATIVE (IAI): Eastern Illinois University is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois General Education Core Curriculum between participating institutions. Completion of the transferable General Education Core Curriculum at any participating college or university in Illinois assures transferring students that lower-division general education requirements for an associate or bachelor's degree have been satisfied. This agreement is in effect for students entering an associate or baccalaureate degree-granting institution as first-time freshmen in summer 1998 (and thereafter).

COMPLIANCE WITH HIGHER EDUCATION ACT, TITLE II, SEC.207: As required by federal law, Eastern Illinois University provides information on student performance on state teacher certification exams and other information about its teacher certification programs on the Web at <http://www.eiu.edu/ceps/title2>. A copy of this report may also be obtained by calling the College of Education and Professional Studies at (217) 581-2524.

COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT OF 1990: In accordance with the Americans with Disabilities Act (ADA), no individual shall be discriminated against on the basis of disability in the full and equal enjoyment of the goods, services, facilities, privileges, advantages, or accommodations of the University. Further, no qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the University or be subjected to discrimination by the University.

Eastern Illinois University is an equal opportunity employer and does not discriminate against a qualified individual with a disability because of the disability of said individual in regard to job application procedures, the hiring, advancement, or discharge of employees, employee compensation, job training, and other terms, conditions, and privileges of employment.

Inquiries concerning this policy may be directed to the appropriate admitting or employing unit; or the University's ADA Coordinator: 581-7220.

Eastern also complies with the Federal Drug Free Schools and Communities Amendment Act (Public Law 101-226), and the Federal Student Right-to-Know and Campus Security Act (Public Law 101-542).

CULTURAL DIVERSITY: America draws its strength and vitality from the diversity of its people. Eastern Illinois University is committed to cultural diversity and building a pluralistic campus that celebrates and draws upon the talents of all its students and staff. Racist acts by any member of the University are subject to quick and firm disciplinary action. The University will not tolerate any form of discrimination or harassment based on race, ethnicity, gender or religion.

EQUAL OPPORTUNITY/NON-DISCRIMINATION POLICY: Eastern Illinois University complies fully with applicable federal and state non-discrimination and equal opportunity laws, orders, and regulations. Eastern Illinois University will not discriminate in its programs and activities against any person because of race, color, sex, religion, age, national origin, ancestry, marital status, unfavorable discharge from military service, disability, handicap, veteran status, sexual orientation, or any basis of discrimination precluded by the applicable federal and state statutes. This policy applies to admissions, employment, treatment of individuals, and access to programs. Inquiries concerning this policy may be directed to the appropriate admitting or employing unit or the Civil Rights Office.

ORAL ENGLISH PROFICIENCY

Eastern Illinois University has adopted a program of Oral English Proficiency Assessment for all instructional staff. Students who have difficulty understanding an instructor should, if possible, first consult with the instructor. In the event that the difficulties are not resolved, the student should address his/her concerns to the Chair of the department in which the instructor is teaching. Subsequent appeals may also be possible through the Dean and then to the Provost/Vice President for Academic Affairs.

RIGHT TO PRIVACY STATEMENT: Eastern Illinois University has enacted a comprehensive policy protecting the privacy rights of students as required by the Family Educational Rights and Privacy Act of 1974. Copies of the policy, "Privacy Rights of Eastern Illinois University Students," are available for inspection in the Records Office, 119 Old Main.

STUDENT CONDUCT CODE: As a community of scholars, Eastern Illinois University requires of its members a high level of ethical and academic integrity. The Student Conduct Code specifies student rights and responsibilities both academically and behaviorally. Each student is held accountable for adhering to the Code, which is published in the *Student Handbook*. Individual copies of the Student Conduct Code are available in the residence halls, the Student Life Office, and the Judicial Affairs Office. Questions concerning student rights and responsibilities may be directed to the Judicial Affairs Office located in the University Union (581-3827).

Eastern Illinois University

Undergraduate Catalog

April 2001



102nd Year

Mission Statement

EASTERN ILLINOIS UNIVERSITY offers superior yet accessible undergraduate and graduate education. Students learn the methods and outcomes of free inquiry in the arts, sciences, humanities, and professions, guided by a faculty known for its commitment to teaching, research/creative activity, and service. The University community strives to create an educational and cultural environment in which students refine their abilities to reason and to communicate clearly so as to become responsible citizens in a diverse world.

CAMPUS GUIDE

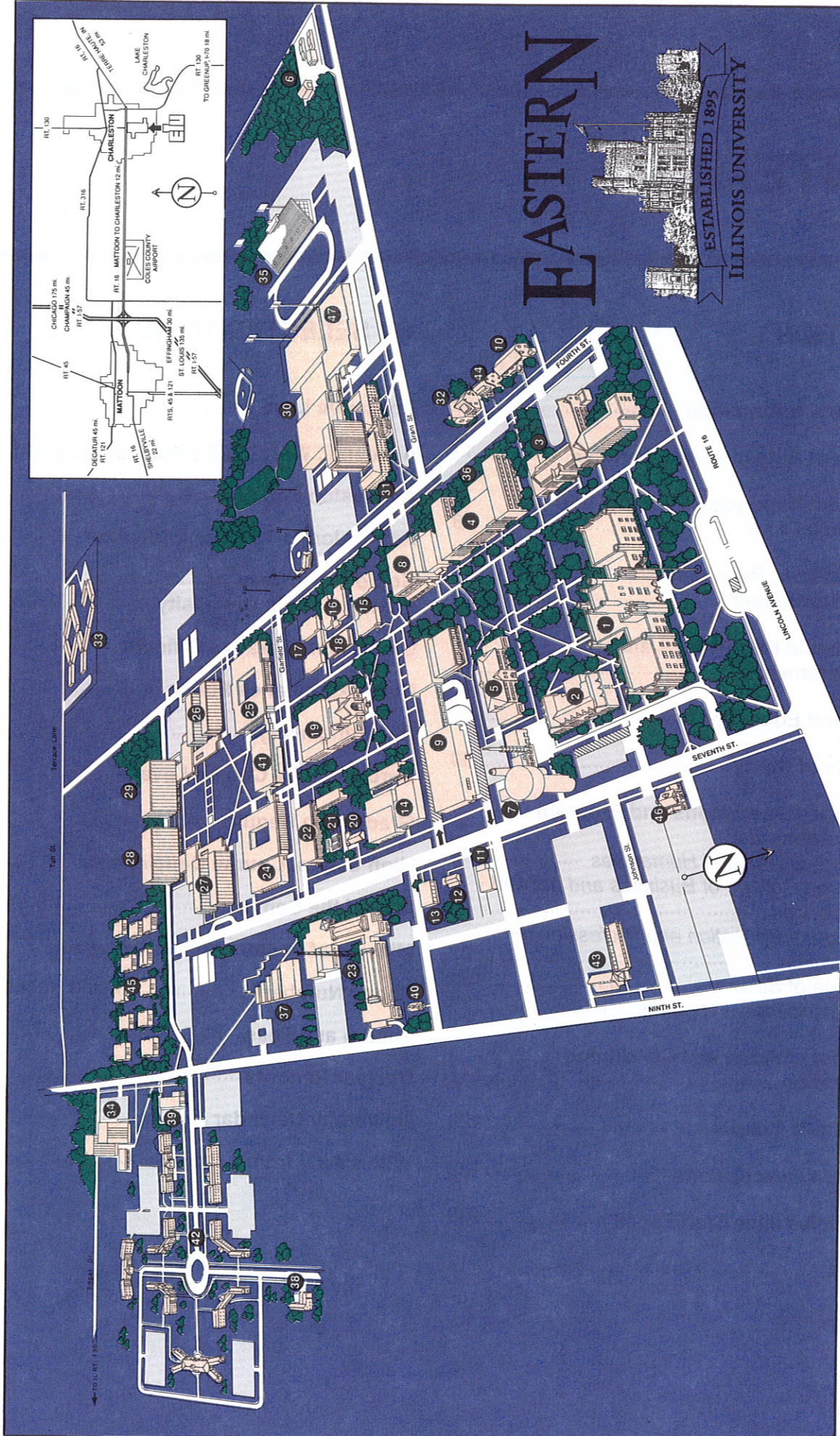
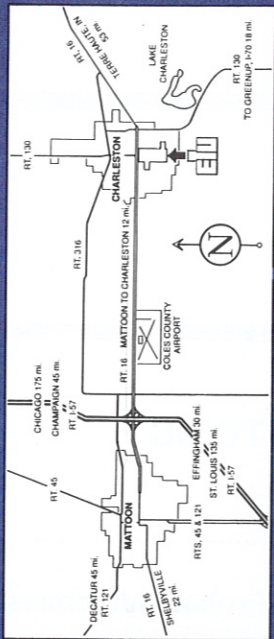
1. **OLD MAIN (Livingston C. Lord Administration Building):** Chief Administrative Offices (President/Vice Presidents); College of Sciences; Admissions, Affirmative Action, Budget Office, Business (Accounting) Services, Cashier, Employee & Labor Relations, Enrollment Management, Grants and Research, Human Resources, Internal Auditor, Media Relations, Payroll, Personnel, Planning and Public Affairs, Purchasing, Records, Student Academic Services, Student Personnel Services, Treasurer, Department of Mathematics.
2. **BLAIR HALL (Francis G. Blair Hall):** Department of Sociology/Anthropology; African-American Studies Program; BOT Degree Program; Graduate School; International Programs; Offices of Faculty Development and Minority Affairs; School of Adult and Continuing Education; University Publications.
3. **PEMBERTON HALL:** Residence Hall; Textbook Rental Service in south wing.
4. **PHYSICAL SCIENCE BUILDING:** Departments of Chemistry, Geology/Geography, Physics, Psychology; Pre-Engineering Studies.
5. **STUDENT SERVICES BUILDING:** Career Services, Duplicating Services, Financial Aid, Health Education Resource Center, Information Technology Services, Veterans Services.
6. **FACILITIES PLANNING AND MANAGEMENT COMPLEX:** Physical Plant Services, Administrative Services, Motor Pool, Keys, Safety Officer.
7. **STEAM PLANT**
8. **McAFEE GYM (Florence McAfee Gymnasium):** Booth Library; Office of Registration; Portion of the offices in Leisure Studies, Intercollegiate Athletics, and Department of Physical Education.
9. **UNIVERSITY UNION (Martin Luther King, Jr. University Union):** Bookstore, Arrangements (Campus Scheduling), Housing, Judicial Affairs, Orientation, Residence Hall Food Services, Student Life, Union Business Operations. Features include: ballrooms, bowling alley, dining facilities, lounges, conference rooms, student government offices.
10. **BOOTH HOUSE:** Honors Programs.
11. **TELEPHONE AND SECURITY BUILDING:** University Police Department, University Telecommunications Office, Campus Card Office.
12. **BUZZARD HOUSE:** Disability Services.
13. **CLINICAL SERVICES BUILDING:** Health Service, Department of Communication Disorders and Sciences, Speech-Language-Hearing Clinic.
14. **FINE ARTS CENTER (Quincy V. Doudna Fine Arts Center):** College of Arts and Humanities; Departments of Art, Music, and Theatre Arts. Features include: Dvorak Concert Hall, theatres.
15. **FORD HALL:** Residence Hall.
16. **McKINNEY HALL:** Residence Hall.
17. **WELLER HALL:** Residence Hall.
18. **GREGG BRANCH OF BOOTH LIBRARY:** 24 hour computer lab, media collections, and equipment.
19. **BOOTH LIBRARY (Mary J. Booth Library):** Main Library, Self-Study Materials Center (SMC), Audio-Visual Center, University Archives, Illinois Regional Archives Depository. (*Library Services is being housed temporarily in other buildings while renovation/expansion takes place.*)
20. **SCULPTURE STUDIO**
21. **GREENHOUSE (Thut Greenhouse)**
22. **LIFE SCIENCE BUILDING:** Departments of Biological Sciences; Medical Professions.
23. **BUZZARD HALL (Robert G. Buzzard Building):** College of Education and Professional Studies; Offices of *Daily Eastern News, Warbler*; Radio-TV Center (WEIU-TV & WEIU-Radio); Reading Center; Instructional Technology Center; Child Development Lab; Departments of Counseling and Student Development, Early Childhood, Elementary and Middle Level Education, Educational Administration, Secondary Education and Foundations, Special Education, Student Teaching, Journalism.
24. **KLEHM HALL:** Department of Military Science (ROTC program); Office of Career and Organizational Studies; Career and Technical Education; School of Family and Consumer Sciences; School of Technology.
25. **COLEMAN HALL (Charles H. Coleman Hall):** Departments of Economics, English, Foreign Languages, History, Philosophy, Political Science, Speech Communication, Pre-Legal Studies, Social Science.
26. **TAYLOR HALL:** Residence Hall.
27. **THOMAS HALL:** Camps and Conferences Housing; Residence Hall.
28. **ANDREWS HALL:** Residence Hall.
29. **LAWSON HALL:** Residence Hall.
30. **LANTZ BUILDING (Charles P. Lantz, Health, Physical Education and Recreation):** Departments of Health Studies, Physical Education, Recreational Administration, Sports Information; Offices of Intercollegiate Athletics, Recreational Sports. Features include field house and swimming pool.
31. **LINCOLN-STEVENSON-DOUGLAS HALLS:** Residence Halls.
32. **BRAINARD HOUSE:** Offices of Development and EIU Foundation.
33. **UNIVERSITY APARTMENTS:** Apartments for married and graduate students.
34. **CARMAN HALL:** Residence Hall.
35. **O'BRIEN FIELD:** Football stadium, outdoor track.
36. **PHIPPS LECTURE HALL**
37. **TABLE ARTS CENTER:** Exhibits, performances, outreach facilities.
38. **EAST HALL:** Extension of Greek Court - houses the Sigma Phi Epsilon fraternity.
39. **NINTH STREET HALL:** Center for Academic Support & Achievement (CASA); Academic Assessment & Testing, Academic Advising and Learning Assistance Center, Disability Services; Call Center, Counseling Center, TRIO Program.
40. **GREENWOOD SCHOOL:** Restored historic country school.
41. **LUMPKIN HALL:** Lumpkin College of Business and Applied Sciences; the School of Business -- Accountancy and Finance, Business Education and Administrative Information Systems, Career and Organizational Studies; Career and Technical Education; Computer and Operations Management, Management-Marketing.
42. **GREEK COURT:** Greek housing. Sororities and fraternities located in the complex include: Panhellenic -- Alpha Gamma Delta, Alpha Phi, Alpha Sigma Alpha, Alpha Sigma Tau, Delta Zeta, Kappa Delta, Sigma Kappa, and Sigma Sigma Sigma; Interfraternity Council -- Delta Chi, Delta Sigma Phi, Lambda Chi Alpha, Pi Kappa Alpha, Sigma Chi, Sigma Nu, and Sigma Phi Epsilon; and Black Greek Council -- Delta Sigma Theta, Phi Beta Sigma, Sigma Gamma Rho, and Zeta Phi Beta.
43. **BURL IVES ART STUDIO HALL**
44. **LINDER HOUSE:** Home of Eastern's Alumni Association.
45. **UNIVERSITY COURT:** Apartments for juniors, seniors, graduate students, married students, and visiting faculty.
46. **AFRICAN-AMERICAN CULTURAL CENTER**
47. **STUDENT RECREATION CENTER**

EASTERN



ESTABLISHED 1895

ILLINOIS UNIVERSITY



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Eastern Illinois University

2001-02 Academic Calendar

Summer Term 2001

	<u>Interession</u>	<u>4-Week Session #1</u>	<u>4-Week Session #2</u>	<u>8-Week Session</u>
Late Registration Begins (\$25 late fee applies)	May 8	June 11	July 9	June 11
Classes Begin	May 8	June 11	July 9	June 11
Last Day to Add Courses	May 10	June 13	July 11	June 13
Last Day to Submit Audit or Credit/No Credit Requests	May 11	June 18	July 12	June 18
Last Day to WITHDRAW FROM THE UNIVERSITY and be Eligible for Tuition & Fees Refund, Except Insurance (4 p.m.)	May 11	June 18	July 12	June 18
Last Day to Apply or Reapply for Graduation	June 18	June 18	June 18	June 18
Last Day to DROP A COURSE with NO GRADE (4 p.m.)	May 11	June 18	July 12	June 18
W for Course Withdrawal Begins	May 12	June 19	July 13	June 19
Memorial Day Observance - No Classes	May 28	n/a	n/a	n/a
Last Day to WITHDRAW FROM THE UNIVERSITY and be eligible for 50% Tuition & Fees Refund, Except Insurance	n/a	n/a	n/a	June 26
Deadline for Grade Appeals	June 26	June 26	June 26	June 26
Independence Day Observance - No Classes	n/a	July 4	n/a	July 4
Last Day to WITHDRAW FROM A COURSE OR THE UNIVERSITY with W	May 25	June 29	July 27	July 20
Last Day to Remove Credit/No Credit Requests	May 25	June 29	July 27	July 20
Last Class Day	June 1	July 5	August 1	August 1
Final Examination Period	June 1	July 5	August 1	Aug. 2, 3, 4
Semester Closes	June 5	July 9	August 7	August 7
Deadline to Return Rental Books without FINE (4 p.m.)	August 6	August 6	August 6	August 6

Fall Semester 2001

Last Day to CANCEL FALL CLASSES	
and Receive Full Refund	August 16
Late Registration Begins (\$25 late fee applies)	August 17
Classes Begin.....	August 20
[First-Half-Term Courses Begin]	August 20
Last Day to Add Courses	August 24
Last Day to Submit Audit Requests	August 28
Last Day to Apply/Reapply for Graduation	August 31
Last Day to WITHDRAW FROM THE UNIVERSITY	
OR TO REDUCE LOAD and be eligible for Tuition & Fees Refund, except Insurance (4 p.m.)	
August 31	August 31
Deadline to Drop Overload hours (over 18 s.h.) and not be charged (4 p.m.)	
August 31	August 31
Last Day to Request Insurance Refund (if equal coverage).....	
August 31	August 31
Last Day to Submit Credit/No Credit Requests (4 p.m.)	
August 31	August 31
Last Day to DROP A COURSE with NO GRADE (4 p.m.)	
August 31	August 31
W for Course Withdrawal Begins	September 1
Labor Day Observance - No Classes	September 3
Last Day for Grade Appeals	September 17
Last Day to WITHDRAW FROM THE UNIVERSITY	
and be Eligible for 50% Tuition & Fees Refund, except Insurance.....	
September 17	September 17
[Last Day to Withdraw from FIRST-HALF-TERM Course-W]	
September 21	September 21
Fall Break	October 5
Mid-Term	October 10
[Last Day to DROP with NO GRADE or ADD SECOND-HALF-TERM COURSES].....	
October 10	October 10
[Second-Half-Term Courses Begin].....	
October 11	October 11
Last Day to WITHDRAW FROM A COURSE	
OR THE UNIVERSITY with W	
October 19	October 19
WP/WF for Course Withdrawal Begins	October 20
Last Day to Remove Credit/No Credit Requests	
November 2	November 2
Last Day to WITHDRAW FROM A COURSE	
OR THE UNIVERSITY with WP/WF	
November 2	November 2
[Last Day to Withdraw from SECOND-HALF-TERM COURSE-W]	
November 14	November 14
Thanksgiving Recess	November 19-23
Last Class Day	December 7
Commencement	December 8
Final Examination Period.....	
December 10-14	December 10-14
Deadline to Return Rental Books without FINE (4:30 p.m.)	
December 14	December 14
Semester Closes	
December 15	December 15

Spring Semester 2002

Last Day to CANCEL SPRING CLASSES	
and Receive Full Refund	January 3
Late Registration Begins (\$25 late fee applies)	January 4
Classes Begin.....	January 7
[First Half Term Courses Begin]	January 7
Last Day to Add Courses.....	January 11
Last Day to Submit Audit Requests	January 15
Last Day to Apply or Reapply for Graduation	January 18
Last Day to WITHDRAW FROM THE UNIVERSITY	
OR TO REDUCE LOAD and be eligible for Tuition & Fees Refund, except Insurance (4 p.m.)	
January 18	January 18
Deadline to Drop Overload Hours (over 18 s.h.) and not be charged (4 p.m.)	
January 18	January 18
Last Day to Request Insurance Refund (if equal coverage).....	
January 18	January 18
Last Day to Submit Credit/No Credit Requests (4 p.m.)	
January 18	January 18
Last Day to DROP A COURSE with NO GRADE (4 p.m.)	
January 18	January 18
W for Course Withdrawal Begins	January 19
King's Birthday Observance - No Classes	January 21
Last Day for Grade Appeals	February 4
Last Day to WITHDRAW FROM THE UNIVERSITY	
and be Eligible for 50% Tuition & Fees Refund, except Insurance.....	
February 4	February 4
[Last Day to Withdraw from FIRST-HALF-TERM Course-W]	
February 8	February 8
Lincoln's Birthday Observance - No Classes	February 15
Mid-Term	February 28
[Last Day to DROP with NO GRADE or ADD SECOND-HALF-TERM COURSES].....	
February 28	February 28
[Second-Half-Term Courses Begin].....	
March 1	March 1
Last Day to WITHDRAW FROM A COURSE	
OR THE UNIVERSITY with W	
March 8	March 8
WP/WF for Course Withdrawal Begins	March 9
Spring Recess	
March 11-15	March 11-15
Last Day to Remove Credit/No Credit Requests	
March 29	March 29
Last Day to WITHDRAW FROM A COURSE	
OR THE UNIVERSITY with WP/WF	
March 29	March 29
[Last Day to Withdraw from SECOND-HALF-TERM COURSE-W].....	
April 4	April 4
Last Class Day	April 26
Final Examination Period.....	
April 29, 30; May 1-3	April 29, 30; May 1-3
Deadline to Return Rental Books without FINE (4:30 p.m.)	
May 3	May 3
Commencement	
May 4	May 4
Semester Closes	
May 4	May 4

Summer Term 2002

	<u>Interession</u>	<u>4-Week Session #1</u>	<u>4-Week Session #2</u>	<u>8-Week Session</u>
Late Registration Begins (\$25 late fee applies)	May 7	June 10	July 8	June 10
Classes Begin	May 7	June 10	July 8	June 10
Last Day to Add Courses	May 10	June 13	July 11	June 13
Last Day to Submit Audit or Credit/No Credit Requests	May 10	June 17	July 11	June 17
Last Day to WITHDRAW FROM THE UNIVERSITY and be Eligible for Tuition & Fees Refund, Except Insurance (4 p.m.)	May 10	June 17	July 11	June 17
Last Day to Apply or Reapply for Graduation	June 17	June 17	June 17	June 17
Last Day to DROP A COURSE with NO GRADE (4 p.m.)	May 10	June 17	July 11	June 17
W for Course Withdrawal Begins	May 11	June 18	July 12	June 18
Memorial Day Observance - No Classes	May 27	n/a	n/a	n/a
Last Day to WITHDRAW FROM THE UNIVERSITY and be eligible for 50% Tuition & Fees Refund, Except Insurance	n/a	n/a	n/a	June 25
Deadline for Grade Appeals	June 25	June 25	June 25	June 25
Independence Day Observance - No Classes	n/a	July 4	n/a	July 4
Last Day to WITHDRAW FROM A COURSE OR THE UNIVERSITY with W	May 24	June 28	July 26	July 19
Last Day to Remove Credit/No Credit Requests	May 24	June 28	July 26	July 19
Last Class Day	May 31	July 3	July 31	July 31
Final Examination Period	May 31	July 3	July 31	Aug. 1, 2, 3
Term Closes	June 4	July 8	Aug. 6	Aug. 6
Deadline to Return Rental Books without FINE (4 p.m.)	Aug. 5	Aug. 5	Aug. 5	Aug. 5

Board of Trustees of Eastern Illinois University

Appointed Members

Dr. Nathaniel Anderson, Belleville
Mr. Keith Branson, Mattoon
Dr. Roger Dettro, Mattoon
Mr. Jeffery Lezotte, Chicago
Ms. Betsy Mitchell, Champaign
Ms. Julie Ward, Springfield

Student Member

Mr. Joseph Crocker, Mt. Vernon

Officers

Vacant, Chair
Dr. Nathaniel Anderson, Vice Chair
Ms. Betsy Mitchell, Secretary
Ms. Judy Gorrell, Assistant Secretary
Mr. Jeffrey L. Cooley, Treasurer

Eastern Illinois University Chief Administrative Officers

President

Dr. Carol Diann Surles

Provost and Vice President for Academic Affairs (Interim)

Dr. Lida G. Wall

Vice President for Student Affairs

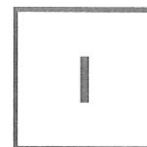
Mr. Louis V. Hencken

Vice President for Business Affairs (Acting)

Mr. Jeffrey L. Cooley

Vice President for External Relations (Acting)

Dr. Jill F. Nilsen



GENERAL INFORMATION



Eastern is . . .

Learning together.

Accreditation

Eastern Illinois University is accredited through the specialist level by the Commission on Institutions of the North Central Association of Colleges and Schools and by the National Council for Accreditation of Teacher Education for the preparation of elementary and secondary teachers and school service personnel. In addition, the business programs offered by the Lumpkin College of Business and Applied Sciences are accredited by the International Association for Management Education (AACSB).

The programs in art are accredited by the National Association of Schools of Art and Design. The B.S. degree in Chemistry is accredited by the American Chemical Society. The B.S. degree in Family and Consumer Sciences is accredited by the American Association of Family and Consumer Sciences. The B.S. degree in Industrial Technology is accredited by the National Association of Industrial Technology. The B.A. degree in Journalism is accredited by the Council on Education in Journalism and Mass Communication.

The programs in music are accredited for the B.Mus. and M.A. by the National Association of Schools of Music. The B.S. degree in Physical Education with Athletic Training is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The B.S. degree in Recreation Administration is accredited by the National Recreation and Parks Association. The programs in Communication Disorders and Sciences are accredited by the American Speech-Language-Hearing Association. Eastern's Counseling Service is accredited by the International Association of Counseling Services.

Organization of the University

Eastern Illinois University is governed by its own Board of Trustees. The President is responsible for the operation and general welfare of the University.

The University is organized into four areas, each headed by a vice president: Academic Affairs, Business Affairs, External Relations, and Student Affairs.

The primary academic units include the College of Arts and Humanities; the Lumpkin College of Business and Applied Sciences; the College of Education and Professional Studies; the College of Sciences; the Graduate School; and the School of Adult and Continuing Education.

Faculty and students participate in University affairs through membership on the Faculty Senate, Student Senate, Staff Senate, and academic and administrative councils and committees. These groups, most of which have both student and faculty members, consider and recommend policies and procedures to the President.

Location

Eastern Illinois University is located in Charleston, Illinois, the county seat of Coles County, in east central Illinois. The city has a population of approximately 20,000. Two state highways, 16 and 130, go through Charleston and provide access to Interstates 57 and 70. Air transportation is provided daily to and from Chicago through the Coles County Airport. Amtrak service is provided through Mattoon, 10 miles from Charleston.

History

The University was established as Eastern Illinois State Normal School in 1895 by the Illinois General Assembly. In response to growth and change, the institution became Eastern Illinois State Teachers College in 1921, Eastern Illinois State College in 1947, and Eastern Illinois University in 1957. The University grants bachelor's, master's, and specialist's degrees.

The Campus

The University campus is located on 320 acres and consists of 72 buildings, including 12 residence halls and 17 apartment buildings. The University also owns wooded tracts near Charleston which are used for nature study and life science research.

The Eastern Illinois University Foundation

Membership in the Eastern Illinois University Foundation consists of more than 150 persons, including alumni and friends of the University. The Board of Directors of the Foundation consists of nine persons elected from the general membership.

Eastern Illinois University Alumni Association

The EIU Alumni Association was established in 1905 as a means of allowing continuing involvement of graduates and former students in the development of their University. The organization has a number of broad objectives which it has traditionally pursued. These include: sponsoring special events for alumni; assisting with homecoming, reunions, and similar activities; facilitating communication between alumni and the University; assistance in maintaining alumni records; and helping with fundraising and other initiatives which contribute to the welfare of the University.

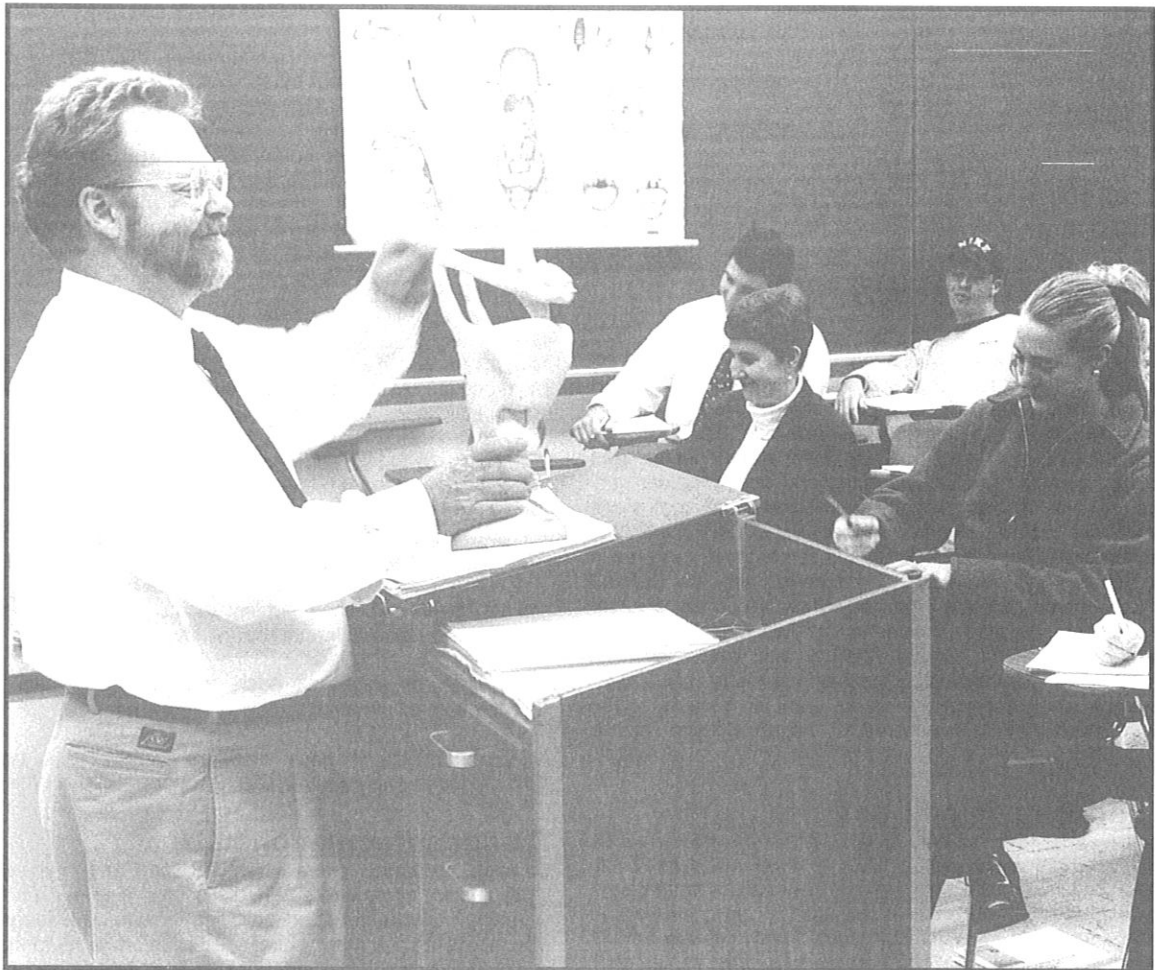
Eastern Illinois University Parents Club

First formed in the fall of 1974, the Parents Club is an established and energetic organization at Eastern Illinois University. The purpose of the Parents Club is to act as a communication link between the University's administration and parents. Members help to increase the personal ties between the University and the parents by voicing their opinions on policy matters and other issues through the Parents Club board of directors. The Parents Club also selects worthwhile projects to benefit the students, their parents, and the University. Monies collected through membership fees help fund the various projects. All parents and families are invited to join this worthy organization.

In 1985 the Parents Club established a scholarship program available to all Eastern undergraduates. That year, the club awarded one \$500 scholarship. The club has now awarded over \$159,550 to 196 students.



STUDENT ACTIVITIES AND SERVICES



Teachers who inspire.

Martin Luther King, Jr. University Union

The Union is the hub of campus life. Through its programs and services it advances the educational mission of the University. The Union is a laboratory of leadership in community participation through its part in student governments and activity programs. The Union's services include catering, restaurants, retail sales, recreation, and meeting locations.

The following is a listing of programs and services offered in the Union:

Activity Tickets	Information
ATM	Lobby Shop
Banking Facility	Lounges
Bookstore	Meeting Rooms
Bowling and Billiards (temp. closed)	Minority Programming
Bus Tickets	Office of University Housing and Dining Services
Cake and Balloon Bouquets	Student Government
Camping Equipment Rental	Student Legal Service
Chick-Fil-A	Study Areas
Copy Express	Subway
Connie's Pizza	Television Lounges
Fax Machine	TCBY
Fraternities and Sororities	University Programming Board
Graphics and Promotions	Video/Pinball Arcade
Hair Salon	

The Union Board advises the University on Union policies and operations. The facility is a self-sustaining program supported by student fees.

STUDENT ACTIVITIES

Theatre Arts

The Theatre Arts Department houses two theatres and produces six main stage productions each year, plus a Summer Theatre program and student-directed Studio Theatre productions. Registered EIU students may participate in departmental activities, which include constructing scenery, properties, and costumes, and mounting lights under faculty supervision. Qualified junior and senior majors may also direct or design sets, lights, or costumes for mainstage productions. Any qualified student may join Alpha Psi Omega, the national honorary dramatics society. In addition to the Excellence in Fine Arts Scholarships, the Jorns Scholarship, and the Sullivan Memorial Scholarship, Theatre Arts also offers a number of other scholarships, some of which include a full tuition waiver. Paid internships are offered in setting, lighting, and costuming. In addition, paid apprenticeships and professional positions are offered in performance and technical areas in summer theatre. The department traditionally participates in the American College Theatre Festival.

Radio and Television Center

Several activities provide an introduction to the broadcast media. The Center operates radio station WEIU FM 88.9 and television station WEIU TV Channel 51. The stations serve an 11-county area of East Central Illinois. WEIU TV is available on cable systems in Mattoon, Charleston, Champaign, Effingham, Paris, Tuscola and 54 other systems in East Central Illinois. *News Scan*, *EIU Connection*, *Panther Country*, *Shows We Remember*, and *The Lynch Colloquium Series* are produced by WEIU TV. Broadcast activities are open to all full-time students regardless of major. Both paid and unpaid positions are available, as well as a limited number of Talented Student Awards (TSA). Interested students should contact WEIU TV at 581-5956 or WEIU FM at 581-6116.

Music

The Music Department offers many opportunities for students to participate in making music. All students in the University are welcome to participate in the activities of the Department.

Musical ensembles provide a setting for students to expand their performing skills and understanding of music. Instrumental ensembles include the Concert Band, Jazz and Lab Bands, Marching Band, Marimba Orchestra, Pep Band, Percussion Ensemble, Symphony Orchestra, Flute Choir, and Wind Ensemble. Choral ensembles include the Chamber Singers, Concert Choir, Mixed Chorus, Show Choir, Theatre/Opera Workshop, and Oratorio Chorus. Other special vocal and instrumental ensembles provide additional opportunities for students to study and perform.

Auditions for most ensembles are posted in the Music Department Office prior to the first day of classes.

The Tarble Arts Center

The Tarble Arts Center, located on south Ninth Street at Cleveland Avenue, is a major cultural resource serving East Central Illinois. The Center presents a year-round schedule of changing visual arts exhibitions, art enrichment programs, visiting artists and lecturers, chamber music concerts, classes and workshops, poetry and fiction readings, and special events, frequently in cooperation with other Eastern departments and community groups. Annual exhibitions feature folk arts, works by the Art faculty and students, and children's art, with a drawing/watercolor competition sponsored biennially. Other exhibitions present contemporary, historical, or international art in various media from other museums and galleries, private and corporate collections, and circulating exhibition agencies. The Center also maintains a permanent collection of art, with concentrations in contemporary Midwest works on paper, Illinois folk arts, American Scene prints, and Paul T. Sargent paintings. Various academic departments, area schools, and community groups utilize the exhibitions and facilities for study, tours, and meetings.

Publications

Student publications include a daily newspaper, *The Daily Eastern News*; the *Warbler*, a yearbook; *Minority Today*, a monthly newspaper; and the *Vehicle*, a literary magazine. The publications are produced by student staffs with faculty advisers. Staff positions on all publications are open to all students.

The *News* is published Monday through Friday during Fall and Spring Semesters and twice weekly during the Summer Session.

The *Warbler* is issued annually as a historical and pictorial record of the University year.

Minority Today, published monthly each semester, focuses on issues relating to Eastern's minority community.

The *Vehicle* is published each semester. Creative material is solicited from all students.

A small portion of each student's activity fees goes toward subscription to *The Daily Eastern News* and a copy of the *Warbler*.

Campus Recreation

Campus Recreation offers intramural sport and informal recreation programs for all students regardless of skill level. Participation is voluntary. Intramural sport activities include nine team sports, 20 special events and five racquet sports. Informal recreation activities are available in a wide variety of aquatic, fitness and sport activity settings including the Student Recreation Center with six basketball/volleyball courts, a large fitness center with aerobic and body part machines and a 1/8-mile jogging track; a free-weight area; an aerobic/multi-purpose room; a dance studio, and a lobby/lounge. Additional facilities include a swimming pool; a gymnasium; a fieldhouse with a 220-yard, six-lane track and five tennis courts; five racquetball courts; and numerous outdoor courts, playing fields and a jogging trail.

Intercollegiate Athletics

The program of intercollegiate athletics is dedicated to a belief that athletic competition promotes individual development of traits such

as sportsmanship, fair play, honesty, fellowship, understanding, and adherence to democratic ideals to the end that personal growth and character will result.

The University Division I program of intercollegiate athletics for men includes football, basketball, baseball, track, cross country, tennis, golf, soccer, swimming, and wrestling.

The University Division I program of intercollegiate athletics for women includes basketball, cross country, volleyball, softball, track, golf, swimming, tennis, soccer, and rugby.

The University adheres to the intercollegiate athletics policies of the National Collegiate Athletic Association and is a member of the Ohio Valley Conference. The University is also a member of the Missouri Valley Conference for men's soccer.

Forensics

Through the Department of Speech Communication, students of undergraduate standing are offered the opportunity to gain intercollegiate tournament experience in individual speaking events and debate.

Members of the forensics teams engage in competition with teams from major colleges and universities. Scholarships and tuition waivers are available through the Forensics Program.

Affiliation is maintained with several regional and national forensic organizations including: Interstate Oratorical Association; American Forensic Association; National Forensic Association; Mid America Forensic League; and the Cross Examination Debate Association.

STUDENT ORGANIZATIONS

Student Government

Student government is organized on the same plan as the federal government with its executive, legislative, and judicial branches. Student officers and student senators are elected by popular vote.

Student government is concerned with matters pertaining to student welfare, student activities, and student participation in University planning and administration.

Student-Faculty Boards

Student members of the student-faculty boards are appointed by the Student Body President with the approval of the Student Senate; faculty members are appointed by the Faculty Senate. The Executive Vice President of the Student Body or his/her representative is an ex-officio member of all boards. The boards are as follows: Apportionment, Council on Academic Affairs, Council on Graduate Studies, Council on Teacher Education, Council on University Planning and Budget, Health Service Advisory, Intercollegiate Athletics, Judicial, Library Advisory, Parking and Traffic Appeals, Radio and TV Center, Sports and Recreation, Student Housing, Student Legal Service, Student Publications, Textbook Rental Advisory, University Union, and Women's Studies.

University Board

University Board -"students programming for students"- is the campus entertainment programming committee comprising 9 sub-committees - Comedy, Lectures, Special Events, Concerts/Mini-concerts, Homecoming, Human Potential, Marketing, Productions and Movies/Videos. Annually University Board sponsors over 60 major campus-wide events and programs that include Quakin' the Quad, Family Weekend Concert, Homecoming Week, Spring Fling, Coffee House acts, comedians, hypnotists, bands, and cultural events.

Departmental Clubs

Most of the departments at Eastern have student organizations for their majors. These clubs provide students with the opportunity to meet others with the same majors and interests. Some of these organizations are honoraries and give recognition to students who

excel in their major field. Contact the Department Chairperson for information on the organizations within each major.

Religious Organizations

Most of the major religions or denominations are represented by student groups on campus. The Office of Student Life makes available a current listing of campus organizations, which may be obtained in Room 316, University Union.

Residence Hall Government

The Hall Council in each residence hall is composed of representatives from each corridor, elected hall officers, and committee chairpersons according to the constitution of the hall. The Council is the governing body of the hall and is the channel of communication to the Residence Hall Association and/or the Office of University Housing and Dining Services. Residents are encouraged to take an active role in the government of the hall. Specific procedures regarding residence hall governments are outlined in the University Housing Calendar/Handbook.

The purpose of the Residence Hall Association (RHA) is to deal with matters of mutual interest and to coordinate the joint activities of the member buildings. The RHA consists of two or more representatives from each hall depending upon the size of the building. RHA has the responsibility of reviewing and making recommendations relative to University Housing Policies and Procedures for the betterment of the University Housing of EIU. Suggestions for the betterment of a building are made to the RHA representative.

Reserve Officers' Training Corps (ROTC)

Army ROTC offers activities and classes for freshmen through seniors that are challenging and require no military obligation for first and second year ROTC students. ROTC activities are a combination of classroom and outdoor events including but not limited to rappelling, land navigation, basic rifle marksmanship, confidence courses, water survival training, aircraft orientation flights, and orienteering. Students participate in physical and mental challenges that instill self-confidence, teach leadership, and promote individual characteristics and values that contribute to success in all occupations across the spectrum of the job market. State and federal scholarships are available, many without obligation. Junior and senior students can enroll to obtain a commission as a second lieutenant in the United States Army and pursue an academic minor in Military Science.

ROTC organizations include the Pershing Rifle Honor Society, University Rifle Team, Leadership Excellence Club and the Officer Christian Fellowship Organization. These organizations participate in a variety of activities such as posting of the colors at university and other events, seminars, rifle competition, historical staff rides, camping, canoeing, field trips and paintball.

For its many benefits, Army ROTC requires only a few hours a week; it is compatible with all other university curricula. Anyone can take basic course ROTC classes with no military obligation.

Recognized Student Organizations

There are over 200 recognized student organization and clubs representing the academic, social, service, multi-cultural, athletic and religious interests of Eastern students. These include the Hockey Club, Black Student Union, Alpha Phi Omega, Inter-varsity and International Students Association.

Interfraternity Council

The Interfraternity Council is composed of the presidents of the member fraternities and one elected representative from each fraternity. The IFC aids in establishing policies related to the entire fraternity system. IFC cooperates with the Panhellenic Council in planning cooperative proactive programming of critical issues related to the Greek and college/community world. The following fraternities are represented on Eastern's campus:

Delta Chi, *EIU Chapter*

Delta Sigma Phi, *Delta Psi Chapter*
 Delta Tau Delta, *Zeta Rho Chapter*
 Lambda Chi Alpha, *Phi Alpha Chapter*
 Lambda Theta Phi, *Latin Fraternity*
 Pi Kappa Alpha, *Zeta Gamma Chapter*
 Sigma Chi, *Eta Mu Chapter*
 Sigma Nu, *Lambda Gamma Chapter*
 Sigma Phi Epsilon, *Illinois Nu Chapter*
 Sigma Pi, *Beta Gamma Chapter*
 Tau Kappa Epsilon, *Gamma Omega Chapter*

Pan-Hellenic Council Association

The Panhellenic Council Association is composed of the presidents of sororities and one elected representative from each sorority. The Council deals with problems confronting the sororities, establishes rules for recruitment, cooperates with the Interfraternity Council in planning all-Greek activities and programs and recognizes chapter excellence in all areas of Greek Life: scholarship, social, philanthropic, and service. The following sororities are represented on Eastern's campus:

Alpha Gamma Delta, *Beta Iota Chapter*
 Alpha Phi, *Zeta Alpha Chapter*
 Alpha Sigma Alpha, *Gamma Omega Chapter*
 Alpha Sigma Tau, *Beta Pi Chapter*
 Delta Zeta, *Gamma Nu Chapter*
 Kappa Delta, *Delta Beta Chapter*
 Lambda Theta Alpha, *Latina Fraternity*
 Sigma Kappa, *Gamma Mu Chapter*
 Sigma Sigma Sigma, *Alpha Psi Chapter*

National Pan-Hellenic Council

The National Panhellenic Council is the governing organization of the six historically black Greek-lettered fraternities and sororities listed below. The organization's purpose is to promote and coordinate activities that assist member organizations in attaining their fraternal, educational, cultural, and social objectives. It is also the organization's purpose to maintain a high standard of sorority and fraternity life, as well as interfraternal relations.

The NPHC works throughout the year on various social, educational, and community service projects that benefit the campus community as a whole. Member organizations are as follows:

Sororities

Delta Sigma Theta, *Theta Zeta Chapter*
 Sigma Gamma Rho, *Delta Beta Chapter*
 Zeta Phi Beta, *Omicron Delta Chapter*

Fraternities

Alpha Phi Alpha, *Zeta Nu Chapter*
 Kappa Alpha Psi, *Theta Gamma Chapter*
 Phi Beta Sigma, *Delta Chi Chapter*

ACADEMIC SERVICES

The Center for Academic Support and Achievement (CASA)

CASA, located in Ninth Street Hall, serves three major purposes. First, it coordinates the university-wide plan for the assessment of student learning. Second, CASA is the academic home of all students who (1) have 30 or fewer hours; (2) have not yet been accepted into a major program of study offered by one of the degree granting colleges of the University; (3) are undecided about the major field in which they wish to pursue a degree. Third, CASA is the organizational unit which offers many of the academic support services available to students. In addition to academic advising, CASA provides assistance to students in selecting an appropriate major, makes referrals for students who need or want tutorial assistance, offers a Learning Assistance Laboratory, administers the University Foundations course, and serves as a place where students who are not enrolled in one of the University's degree granting colleges can go for help in solving academic problems. The

telephone number is (217) 581-6056. Units within CASA include the following services:

Academic Advising Center

The Academic Advising Center provides assistance with academic planning. The Center serves all beginning freshmen, native and transfer students who are undecided about a major, and all students working toward acceptance in University programs with special admission criteria. Besides course selection advice, students also are supplied with information about graduation requirements, opportunities for exploration of various majors and interpretation of campus academic policies and procedures. The telephone number is (217) 581-2313.

New Students

New students are assigned to an advisor who assists them in the preparation of their academic program. During orientation or enrollment days the advisor and the students plan the program jointly. It is expected that students will select one of the curricula of the University and that they and their advisor will plan courses that are consistent with University requirements.

Former Students

After the application for readmission has been approved, a student is assigned to an academic advisor.

Students Changing Majors

Students who wish to change their degree, major, option or minor should consult with their advisor and then complete the proper form in the Registration Office. It is important to make the change prior to registering.

Learning Assistance Center

The Learning Assistance Center provides all students with assistance in pursuing academic success. The Center offers support in problem solving about academic roadblocks; the solutions may include group and/or individual tutoring, referral to campus specialists for assistance in reading, writing and math difficulties, time management training, and coaching in study skills strategies. The telephone number is (217) 581-6696.

Academic Assessment and Testing

Academic Assessment and Testing provides information and registration materials for national tests such as the ACT Assessment (ACT), College Level Examination Program (CLEP), Graduate Management Admission Test (GMAT), Graduate Record Examination (GRE), and Miller Analogies Test (MAT). Academic Assessment and Testing also is responsible for the registration and administration of University tests such as the Writing Competency Examination (WCE) and the Tests of Achievement and Proficiency (TAP). Students register for the WCE and the TAP at the test registration table on the first floor of Blair Hall. The telephone number is (217) 581-5986.

In cooperation with faculty bodies, the office is responsible for administering the University-wide program of assessment of student learning outcomes.

Assessment

All students admitted to EIU are expected to participate in a variety of assessment activities. For first-time freshmen and transfer students with fewer than 30 semester hours of credit, basic skills are evaluated through ACT scores and instruments developed by the University. Placement in courses such as General Studies 1000, English 1000, and Mathematics 1020 or 1070 may be required. Transfer students with more than 30 semester hours of acceptable credit may be required to undergo assessment of basic skills as is deemed necessary.

Assistance for Students with Disabilities

In accordance with Section 504 of the 1973 Rehabilitation Act and the ADA of 1990, all students with disabilities admitted to the University are provided as nearly as possible with an educational experience equivalent to that provided for all other students. The

University wishes to make any reasonable accommodation to allow participation in collegiate life by those persons broadly defined as disabled. Students who believe they may need assistance should contact the Assistant Director of the Office of Disability Services for answers to questions concerning accommodations, auxiliary learning aids, and physical accessibility. Students will be required to submit diagnostic information regarding the disability so that the most appropriate accommodation can be arranged.

Students should contact the Assistant Director as soon as they have determined to enroll at the University so that documentation can be completed before an accommodation is required. In every case in which accommodation is requested, advance notification is recommended to ensure that timely arrangements can be made. All records of disability are maintained in strictest confidentiality. The telephone number is (217) 581-6583.

Counseling Center

The Counseling Center provides free, confidential services to enrolled students struggling with personal issues. Concerns frequently presented by students include relationship problems, depression, being overwhelmed by feelings of anxiety and stress, eating disorders, and difficulty adjusting to university life. Counselors also provide crisis intervention to students experiencing psychological emergencies and consult with parents, faculty, and staff who are concerned about a student's well being.

The Counseling Center is staffed by a caring, diverse group of psychologists and counselors who are dedicated to helping students derive maximum benefit from their experiences at EIU. The telephone number is (217) 581-3413.

International Programs

The Office of International Programs works to recruit highly qualified international students to the University. The Office reviews applications to insure that required documents, visas, and immigration paperwork meet the requirements for admission to and study at the University. The Office provides orientation, arrival assistance, social programs, academic support, and advisement for international students. The Office administers the Intensive English Language Center, which offers courses in English to international students. The Office also administers the Study Abroad Program, which develops international exchanges for students and faculty. Information on international education, Fulbright Scholarships, Rhodes Scholarships, and other forms of international study may be obtained by contacting the Office of International Programs, Eastern Illinois University, Charleston, IL 61920, 217-581-2321, <http://www.eiu.edu/~internl>.

Library

To facilitate a multi-million dollar renovation and expansion to Booth Library, all library collections and services have been temporarily housed in four branch libraries around Eastern's campus until spring 2002. Students and faculty have full access to Booth's electronic resources from their campus, home, or office computer. User guides and collection location maps are available in print and from the expanded website: <http://www.eiu.edu/~booth>.

Booth Library, the general library of the University, is named in honor of Miss Mary Josephine Booth, who served as a Librarian at Eastern from 1904 to 1945. A comprehensive program of Library Services is offered to students, faculty, and citizens of our service area. The library provides a variety of web-based publications to help library users become familiar with the full range of available services. The library staff provides personal assistance to all library users.

The library collection consists of more than 860,000 cataloged volumes, approximately 1.3 million microtexts, as well as government documents, maps, music scores, and pamphlets selected to support the University's educational mission. Leisure-time reading interests are served through materials in the general book collection, as well as the latest best sellers and popular materials.

Booth Library's public catalog is available through ILLINET Online, the statewide network of 45 academic libraries. Additional electronic systems provide online access to a variety of periodical and subject databases. For the university community, Interlibrary loan services supplement Booth Library's resources by making available materials that are owned by other libraries. The general book collection and the periodicals collection are arranged according to the Library of Congress classification scheme.

The Reference Collection consists of approximately 52,000 volumes. The primary purpose of Reference is to provide professional help to students and faculty in their use of the library and its resources. A Reference department provides instructional handouts, orientation tours, individualized assistance, and (by appointment) specialized research clinics.

Special facilities provided include the new book alcove, conference rooms, faculty copy services, and public photocopiers. The Government Documents collection includes U.S. and Illinois State publications. Booth Library houses a K-12 curriculum collection, a juvenile collection, and various microform collections, with appropriate readers and printers.

Library Technology Services provides students with non-print materials, an open computer lab, and technology training workshops. The department makes available non-print materials such as sound recordings, video tapes, CDs, and DVDs. Study carrels equipped for independent viewing and listening are provided in the area. The library's open lab has a number of computers for patron use, as well as a variety of software packages and Internet applications. Both Media Services and Library Technology Services provide the university community with computer training and technology workshops at the Technology Training Facility.

Library materials must be returned when due to avoid fines. All library fines and charges must be paid promptly. Failure to do so will result in the loss of borrowing privileges throughout the statewide library system, and an unclear academic records may result.

The Library staff invites you to use the facilities for work, study, research, and recreational reading. Librarians are available to assist you in locating materials and to illustrate principles and techniques of library use.

Library Hours

Fall/Spring Semesters

Monday through Thursday	8 a.m. to 11:45 p.m.
Friday	8 a.m. to 4:45 p.m.
Saturday	9 a.m. to 4:45 p.m.
Sunday	2 p.m. to 11:45 p.m.

Summer Term

Monday through Thursday	8 a.m. to 9:45 p.m.
Friday	8 a.m. to 4:45 p.m.
Saturday	9 a.m. to 4:45 p.m.
Sunday	2 p.m. to 9:45 p.m.

During academic vacation periods, library service usually is available Monday through Friday from 8 a.m. to 4:45 p.m. A calendar of the library's hours of operation is published annually and made available in both print form and on the library's web site.

Library Hours Hotline

Persons calling 581-6423 may obtain a list of library hours by recorded message, which is updated each Friday. The online catalog may be accessed by dialing 1-877-342-5455 for Illinois residents or from the library's web page: <http://www.eiu.edu/~booth>.

Mathematics Diagnostic Center

The Mathematics Diagnostic Center (MDC) is located in the East wing of the 3rd floor of Old Main, Room M303A. The MDC is designed to assist students who are under-prepared in mathematics. Use of the MDC is restricted to students enrolled in Mathematics 1020 or 1070. Placement in Mathematics 1020 or 1070 is by referral and by a student's score on the ACT Mathematics Placement Exam,

or the Compass Placement Test. Students who need to enroll in the MDC (Mathematics 1020 or 1070) should do so during any regular registration period.

The purpose of the Mathematics Diagnostic Center is to provide a laboratory environment in which students can develop the skills and knowledge needed to complete the mathematics courses required for their majors. There are two strands of diagnostic tests and prescriptive programs available: Math 1070 for students preparing to take the Mathematics 1270-1271 sequence and Math 1020 for students planning to take the Mathematics 1420-2420C sequence. Concurrent registration in 1270 or 1420 is required.

Since this laboratory has scheduled classes up to 12 hours daily, it is not normally available on a walk-in basis. Students seeking tutoring in specific mathematics courses should contact the Mathematics Department for details on tutoring services available.

Reading Center

The Reading Center, located in Buzzard Hall provides a variety of services related to the improvement of reading and study skills. Small group instruction is provided through GST 1000, Reading and Study Improvement. Individualized assistance/tutorial services are provided on a walk-in basis. The Reading Center's services are available for students who wish to expand their reading skills in preparation for advanced degrees. Diagnosis and remediation are offered for teacher education candidates preparing to take mandated professional tests.

Speech-Language-Hearing Clinic

The Speech-Language-Hearing Clinic is housed on the second floor of the Clinical Services Building. Under faculty supervision, senior and graduate students majoring in Communication Disorders and Sciences obtain required clinical practice by working with speech-language-hearing impaired adults and children. A full range of diagnostic and treatment services is available. Diagnostic services include assessment of speech, language, hearing processes and hearing aid evaluations. Treatment services for speech, language, hearing disorders including aural rehabilitation, classes for reduction of foreign accent, and development of manual communication skills, are provided. The services are available to University students and to children and adults in East Central Illinois. Except for University students, there is a fee for services.

Term Paper Clinics

Term Paper Clinics are held in Booth Library each semester. Clinics are designed to help students develop a plan of basic research. Students are assisted with refining their topics for research and with selecting and locating appropriate sources of information in the library. Clinics are held on an individual basis, by appointment only. Students may contact the Head of Reference Services, Booth Library.

Tutoring

Many of the departments on campus offer tutoring. For further information, students may contact departmental offices or see an advisor in the Academic Advising and Learning Assistance Center.

Writing Center

The Writing Center is located in Coleman Hall, Room 301. The Center is available free of charge for all students at Eastern. Writing Center tutors will answer questions, offer suggestions, and analyze writing problems. Students preparing for the Writing Competency Examination should arrange to work through materials available in the Writing Center. Service is provided on a walk-in or appointment basis. The telephone number is (217) 581-5929.

GENERAL SERVICES

Career Services

Career Services, located in the Student Services Building, assists students and alumni in the areas of career planning as well as job

placement. In addition, the office maintains a Career Library, which contains numerous career planning and job search resources.

Career Services maintains a close liaison with hiring representatives from education, business, industry, and government. The Office seeks to help students and graduates secure positions for which they are qualified. Registration is recommended prior to graduation for all undergraduate and graduate degree candidates. The placement year begins September 1st and concludes August 31st. Registered candidates can participate in on-campus interviews. Minimal service fees are charged to undergraduate and graduate students who register for placement.

Undergraduate Student Placement Services are available to those students who have attained senior standing or who are graduate students. Teacher Placement Services are available to undergraduates who have been in attendance at Eastern for a year, and who have been admitted to a teacher education curriculum. Junior level students who are seeking internship positions may register during their junior year. The fee for placement registration is \$20.

Alumni Placement Services include placement re-registration, vacancy bulletin subscriptions, and the mailing of placement credentials. Minimal service fees are charged for these alumni placement services.

Other services available to students and alumni include four job fairs at Eastern Illinois University, a Graduate School Information Day, job seeking seminars, on-campus interviews, videotaped mock interview practice, a computerized résumé writing service, computerized employer referral, and online vacancy bulletins. In addition, three virtual job fairs are held annually.

Medical Services

The Health Service, located in the Clinical Services Building, provides full- and part-time students with outpatient medical services. Departments within the Health Service consist of Primary Care, Women's Health, Nursing Triage (including Tel-A-Nurse telephone triage), Preventive Medicine, Laboratory, X-ray, Pharmacy and Health Education Resource Center.

Services are available, Monday through Friday, 7:30 a.m. to 4:30 p.m. Weekday evenings, from 4:30 to 8 p.m., and Saturday, 10 a.m. to 5 p.m., a registered nurse is available with a physician on call. During the summer, Health Service is available between 8 a.m. and 4 p.m. Monday through Friday.

The cost of visits to the Health Service and use of the pharmacy is supplemented by the "Health Service" student fee, with minimal charges for some services, equipment and/or medications. Services available to students at the Health Service include: medical treatment, exams and consultation, laboratory and x-ray procedures, x-ray copies, pharmacy services, over-the-counter medications, non-returnable medical supplies, TB testing, flu shots, allergy injections, women's health exams and consultation services, STI exams, immunizations, ECG, health information, programs and student involvement through peer education programs.

Please contact the Health Service for additional information, (217) 581-3013.

Office of Civil Rights and Diversity

The Office of Civil Rights and Diversity (108 Old Main) protects the civil rights of all students, faculty, and staff. Discrimination against any individual on the basis of race, color, gender, religion, age, national origin, ancestry, marital status, disability, veteran status, and sexual orientation, as well as sexual harassment, are prohibited by civil rights laws. The Office will assist any individual who feels that these rights have been violated.

The Office provides education to the campus on issues relating to cultural diversity and to sexual harassment, and regularly holds class

presentations, training workshops, and discussions on these issues for faculty, staff, residence assistants and students.

Student Insurance

By action of the Board of Trustees of Eastern Illinois University, each student registered for nine or more hours and all graduate assistants under contract to the University are assessed a fee for group health and accident insurance administered by the University to supplement services performed by the University Health Service. Students who register for six, seven, or eight hours may purchase the insurance coverage during the first ten class days of each semester (first five days of summer term) providing they meet the other eligibility requirements. **DEPENDENT AND/OR SPOUSE COVERAGE IS NOT AVAILABLE.**

Insurance is available for all three terms of the calendar year. Insured students attending spring semester who wish summer coverage and do not plan to enroll summer term, or plan to enroll only part-time (less than nine hours), must apply for this insurance through the last day of final examinations of the spring semester.

An insurance brochure describing details of the coverage is available in the Office of Financial Aid. Basically, the group policy provides for a maximum of \$10,000 for any one accidental bodily injury or sickness and \$5,000 combined lifetime maximum for mental illness and substance abuse treatment. The Plan is considered secondary or excess insurance, meaning, if the student is covered by other valid and collectible insurance, all benefits paid by such insurance will be determined before benefits are paid by the EIU Plan.

Students with equal or better coverage may apply for cancellation of their student medical coverage by submitting a Student Health Insurance Petition for Cancellation to the Student Insurance Office (located in the Office of Financial Aid) during the first ten class days Fall and Spring semesters and during the first five class days of Summer semester. Please note that students participating in the Inter-Collegiate Athletic Programs are ineligible for the medical coverage cancellation.

In addition to completing a Cancellation Petition, students must present evidence of personal health insurance coverage. An exemption will continue in effect until such time as the student requests reinstatement to the Plan or does not respond to a periodic request to confirm that he/she continues to be covered by another health insurance plan.

All students enrolled for a minimum of 6 on-campus hours are eligible for re-enrollment in the EIU Student Health Plan by completing an application and making payment of the insurance fee within the first ten class days of either the Fall or Spring Term, and the first five class days of Summer Term. The insurance coverage will become effective the day application and payment are received. Please note that summer insurance coverage is available to all students who were insured during the prior spring term; otherwise, the student must be enrolled a minimum of 6 on-campus hours to be eligible for summer insurance coverage.

For reinstatement of the EIU Student Health Plan to become effective anytime during the semester, students must show proof of involuntary cancellation by their insurance plan within 30 days of the cancellation. For additional information, please contact the student insurance office located in the Financial Aid Office or call 581-5290.

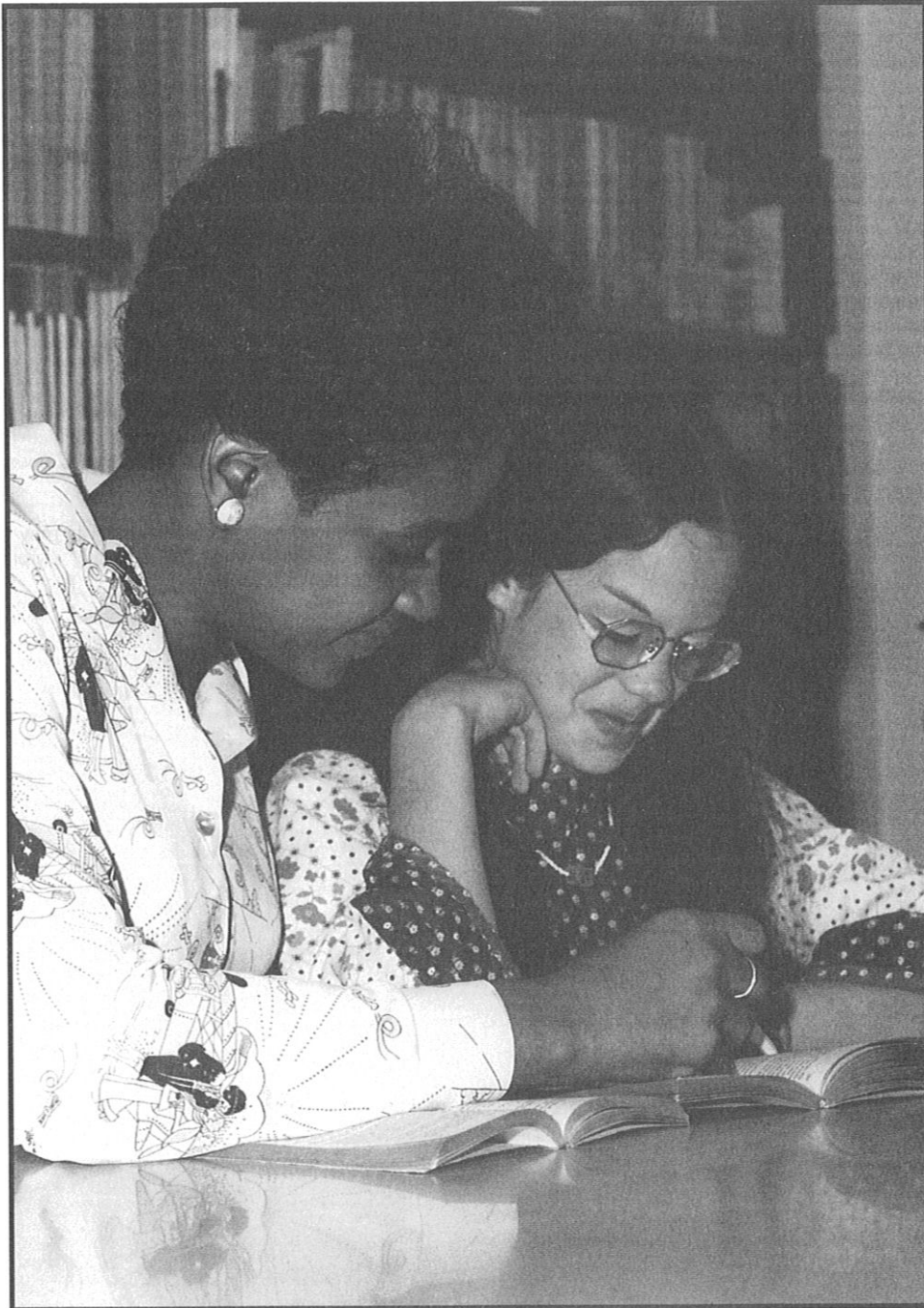
Textbook Rental Services

Basic textbooks for courses are rented to students through the Textbook Rental Service.

Students not returning textbooks by announced deadlines at semester or term ends are subject to fines of \$2 per book plus 25 cents a day per book with a maximum of \$10 per book. Lost textbooks must be paid for at full replacement cost. Students may also be required to pay for textbooks in which they have written or highlighted, which have been subjected to unusual wear, or which have been water damaged.

During announced sales periods, students may purchase textbooks for courses in which they are currently enrolled, subject to the availability of replacements.

STUDENT EXPENSES, HOUSING, AND FINANCIAL AID



Teachers who aspire.

EXPENSES

Semester Fees

All fees are subject to change by action of the Board of Trustees of Eastern Illinois University.

An ADVANCE DEPOSIT must be paid before the student may register. The required advance deposits are: Summer, \$25; Fall, \$100; Spring, \$100. OR the student may present to the Registration Office proof of a full-pay scholarship in lieu of paying the advance deposit.

The Business Office will mail student billings for University charges. For Fall and Spring semesters, a minimum payment is required to guarantee University housing and to insure class schedule. The minimum payment is shown as the current amount due on the billing statement. For the Summer semester, all charges are due when billed. All charges included on the monthly billing statement will be subject to a monthly finance charge if not paid in full by the due date specified on the billing.

Holds will be placed on student records if billed charges for the current semester are not paid by November 1, April 1, and August 1 for the Fall, Spring and Summer semesters, respectively. A hold on a student's record precludes readmission, registration, or graduation.

Bills sent out by the Business Office include information about dates by which payments must be made to prevent loss of housing assignment and/or class schedule.

Residency Status

1. Definitions

For purposes of this regulation, the following definitions pertain:

- a. An "adult student" is a student who is 18 or more years of age.
- b. A "minor student" is a student who is less than 18 years of age.
- c. An "emancipated minor student" is a completely self-supporting student who is less than 18 years of age. Marriage or active military service shall be regarded as effecting the emancipation of minors, whether male or female, for the purposes of this regulation.
- d. "Residence" means legal domicile. Voter registration, filing of tax returns, proper license and registration for driving or ownership of a vehicle, and other such transactions may verify intent of residence in a state. Neither length of university attendance nor continued presence in the university community during vacation periods shall be construed to be proof of Illinois residence. Except as otherwise provided in this regulation, no parent or legal or natural guardian will be considered a resident unless the parent or guardian maintains a bona fide and permanent residence in Illinois, except when temporarily absent from Illinois, with no intention of changing his or her legal residence to some other state or country.

2. Residency Determination

Each university shall determine the residency status of each student enrolled in the university for the purpose of determining whether the student is assessed in-state or out-of-state tuition. Each applicant for admission to the university shall submit at the time of application evidence for determination of residency. The office responsible for admissions shall make a determination of residency status.

- a. If a non-resident is classified by error as a resident, a change in tuition charges shall be applicable beginning with the term following reclassification. If the erroneous resident classification is caused by false information submitted by the student, a change in tuition charges shall be applicable for each term in which tuition charges were

based on such false information. In addition, the student who has submitted false information may be subject to appropriate disciplinary action.

- b. If a resident is classified by error as a non-resident, a change in tuition charges shall be applicable during the term in which the reclassification occurs, provided that the student has filed a written request for review in accordance with this regulation.

3. Residency Requirements

a. Adult Students

To be considered a resident, an adult student must have been a bona fide resident of Illinois for a period of at least six consecutive months immediately preceding the beginning of any term for which the individual registers at the university and must continue to maintain a bona fide residence in Illinois. In the case of adult students who reside with their parents (or one of them if only one parent is living or the parents are separated or divorced), the student will be considered a resident if the parents have established and are maintaining a bona fide residence in Illinois.

b. Minor Students

The residence of a minor student shall be considered to be the same as and change with the following:

1. That of the minor's parents if they are living together, or the living parent if one is deceased; or,

2. If the parents are separated or divorced, that of the parent to whom the custody of the minor has been awarded by court decree or order, or, in the absence of a court decree or order, that of the father unless the person has continuously resided with the mother for a period of at least six consecutive months immediately preceding the minor's registration at the university, in which latter case the minor's residence shall be considered to be that of the mother; or

3. If the minor has been legally adopted, that of the adoptive parents, and, in the event the adoptive parents become divorced or separated, that of the adoptive parent whose residence would govern under the foregoing rules if the parent had been a natural parent; or,

4. That of the legally appointed guardian of the person; or,

5. That of a "natural" guardian such as a grandparent, adult brother or adult sister, adult uncle or aunt, or other adult with whom the minor has resided and by whom the minor has been supported for a period of at least six consecutive months immediately preceding the minor's registration at the University for any term if the minor's parents are deceased or have abandoned the minor and if no legal guardian of the minor has been appointed and qualified.

c. Emancipated Minors

If emancipated minors actually reside in Illinois, such minors shall be considered residents even though their parents or guardians may not reside in Illinois. Emancipated minors who are completely self-supporting shall be considered residents if they have maintained a dwelling place within Illinois for a period of at least 12 consecutive months immediately preceding the beginning of any term for which they register at the university. Emancipated minors who reside with their parents and whose parents (or one of them if one parent is living or the parents are separated or divorced) have established and are maintaining a bona fide Illinois residence shall be regarded as residents.

d. Minor Children of Parents Transferred Outside the United States

The minor children of persons who have resided in Illinois for at least 12 consecutive months immediately prior to a transfer by their employers to some location outside of the United States shall be considered residents. This rule shall apply, however, only when the minor children of such parents enroll in the University within five years of the time their parents are transferred by their employer to a location outside the United States.

e. Married Students

A non-resident student, whether minor or adult, who is married to a person who meets and complies with all of the applicable requirements of these regulations to establish residence status, shall be classified as a resident.

f. Armed Forces

Non-residents of Illinois who are on active duty with one of the services of the Armed Forces of the States who are stationed in Illinois and who submit evidence of such service and station, as well as the spouses and dependent children of such persons, shall be considered residents as long as such persons remain stationed in Illinois and the spouses and/or dependent children of such persons also reside in Illinois. If such persons are transferred to a post outside the continental United States but such persons remain registered at the University, residency status shall continue until such time as these persons are stationed within a state other than Illinois within the continental United States.

g. Staff members of the University, Allied Agencies, and Faculty of State-Supported Institutions in Illinois

Staff members of the University and of allied agencies, and faculties of state-supported institutions of higher education in Illinois, holding appointment of at least one-quarter time, and their spouses and dependent children, shall be treated as residents.

h. Teachers in Public and Private Illinois Schools

Teachers in the public and private elementary and secondary schools of Illinois shall, if subject to payment of tuition, be assessed at the resident rate during any term in which they hold an appointment of at least one-quarter time, including the summer session immediately following the term in which the appointment was effective.

4. Residency Status Appeal Procedure

Students who take exception to their residency status classification shall pay the tuition assessed but may file a claim in writing to the University office responsible for reconsideration of residency status. The written claim must be filed within 30 calendar days from the date of the tuition bill or the student loses all rights to a change of residency status for the term in question. If the student is dissatisfied with the ruling in response to the written claim made within said period, the student may file a written appeal within ten (10) calendar days of receipt of the decision to the responsible University office. Such written appeals shall be forwarded to the appropriate University Vice President, who shall consider all evidence submitted in connection with the case and render a decision, which shall be final.

5. Special Situations

Upon recommendation of the President, the Board may, in special situations, grant residency status to categories of persons otherwise classified as non-residents under this regulation.

**TUITION AND FEES
2001-2002**

Approved by EIU Board of Trustees Oct. 16, 2000

Semester Tuition and Fees

(Beginning Fall 2001)

Full-Time: 12-18 Semester Hours
Part-Time: Less than 12 Semester Hours
Overload: More than 18 Semester Hours

Undergraduate

Freshmen/Sophomores/Juniors: A student who has earned fewer than 90 semester hours will pay the following tuition:

Illinois Resident	Non-Resident
Per Semester Hour	Per Semester Hour
Tuition: \$99.75	Tuition: \$299.25

NOTE: Textbook Rental and Programs and Services fees are listed below for all undergraduate students.

Undergraduate: A student who has earned at least 90 semester hours, but has not earned the baccalaureate degree, will pay the following tuition. Students who have not earned the baccalaureate degree will pay Textbook Rental, Health and Accident Insurance, and Programs and Services fees as shown here:

<u>Illinois Resident Charge</u>	<u>Full-time</u>	<u>Part-time</u>
		<u>Per Sem. Hour</u>
Tuition	\$1195.60	\$ 99.75
Textbook Rental	93.00	7.75
Health/Accident Insurance	\$ 65.00	----
Programs and Services	\$ 490.50	\$ 40.75
Total	\$1844.10	\$148.25

Overload Fee: Additional tuition charge for each semester hour of overload - \$99.75 per semester hour.

<u>Non-Resident Charge</u>	<u>Full-time</u>	<u>Part-time</u>
		<u>Per Sem. Hour</u>
Tuition	\$3586.90	\$299.25
Textbook Rental	93.00	7.75
Health/Accident Insurance	\$ 65.00	----
Programs and Services	\$ 490.50	\$ 40.75
Total	\$4235.40	\$347.75

Overload Fee: Additional tuition charged for each semester hour of overload - \$299.25 per semester hour.

Graduate

A post-baccalaureate student will pay the following tuition and fees (regardless of the level of the courses in which he/she enrolls):

<u>Illinois Resident Charge</u>	<u>Full-Time</u>	<u>Part-time</u>
		<u>Per Sem.Hour</u>
Tuition	\$1260.35	\$105.10
Textbook Rental	93.00	7.75
Health/Accident Insurance	\$ 65.00	----
Programs and Services	\$ 491.50	\$ 40.85
Total	\$1909.85	\$153.70

<u>Non-Resident Charge</u>	<u>Full-Time</u>	<u>Part-Time</u>
		<u>Per Sem. Hour</u>
Tuition	\$3781.05	\$315.20
Textbook Rental	93.00	7.75
Health/Accident Insurance	\$ 65.00	----
Programs and Services	\$ 491.50	\$ 40.85
Total	\$4430.55	\$363.80

Programs and Services Fees

Fee	Semester	
	Full-Time	Part-Time
Activity Fee	\$ 32.15	\$ 2.60
Athletic Fee	\$ 56.05	\$ 4.65
Campus Improvement Fee	\$ 59.00	\$ 4.90
Computer Technology Fee	\$ 35.50	\$ 2.95
Grant-in-Aid Fee	\$ 68.75	\$ 5.75
Health Service/Pharmacy Fee	\$ 62.00	\$ 5.15
Recreation Center Fee	\$ 60.00	\$ 5.00
Shuttle Bus Fee	\$ 5.60	\$.45
Union/Bond Revenue Fee	\$111.45	\$ 9.30
Undergraduate Total	\$490.50	\$ 40.75
Graduate Student Fee	\$ 1.00	\$.10
Graduate Total	\$491.50	\$40.85
Textbook Rental Fee	\$ 93.00	\$ 7.75
Health/Accident Ins. Fee ¹	\$ 65.00	----

Note: All students with 12 or more hours pay Textbook Rental and Programs and Services fees at the full-time level. The Health and Accident Insurance Fee is automatically assessed for all students with nine or more hours. Part-time students are not eligible for Student Legal Service.

¹\$42.50 for Summer Term only; all other fees for summer are the same as indicated above.

Activity Fee

The purpose of student activity fees is to enrich the extracurricular life of Eastern students. Activity programs under the supervision of student-faculty boards receive their support from activity fees charged all students. University Board activities are also funded by the activity fees. The allocation of funds from activity fees is made by the Apportionment Board after consideration of budgets presented by the several major activities supported in whole or in part by the fund.

Room and Board Rates

(Subject to change with Board approval)

Summer 2001 Costs

Residence Halls	Double	Single
Intersession	\$ 384.00	\$ 479.00
First Four-Week Term	\$ 384.00	
Second Four-Week Term	\$ 384.00	
Eight-Week Term	\$ 768.00	

Optional housing between sessions \$70 June 2 to June 10.

(A 12-meal plan [Monday breakfast through Friday lunch] is the only plan offered during the summer.)

Academic Year 2001-2002

Room and Board Rate w/:

	Per Semester	Year
Traditional Double with 5 plus plan	\$2,148.00	\$4,296.00
Traditional Double with 10 plus plan	\$2,243.00	\$4,486.00
Traditional Double with 12 plus plan	\$2,327.00	\$4,654.00
Traditional Double with 15 plus plan	\$2,421.00	\$4,842.00

University Apartments (as of August 15, 2001)

One-and-one-half-room Apartment	\$3,190 per Academic Year
Two-room Apartment (1 BR)	\$3,360 per Academic Year
Super Efficiency	\$2,975 per Academic Year

University Court (2001-2002):

Per resident, per semester based on double occupancy
 2Br, 1 Bath, No Balcony (Grd) \$1,895

2Br, 1 Bath, Balcony	\$2,115
1Br, 1 Bath, Balcony	\$2,528
2Br, 1.5 Bath, No Balcony (Grd)	\$2,190
2Br, 1.5 Bath, Balcony	\$2,260
1Br, 1 Bath, No Balcony	\$2,310
Studio (1 person rate per semester)	\$1,890
3Br, 1 Bath	\$2,565

Meal Plan Only - Fall '01/Spring '02

5-meal Option	\$1108 per semester
10-meal Option	\$1203 per semester
12-meal Option	\$1287 per semester
15-meal Option	\$1381 per semester

STUDENT HOUSING

Living Accommodations

The housing program at EIU is based on the philosophy that there is a relationship between the student's living environment and the achievement of his/her educational goals as well as the development of personal and social maturity. This environment is intended to lead to the student's self-direction and the assumption of personal responsibility.

University Housing Policies

Until available residence hall space is exhausted, all EIU students are required to live in University residence halls except as follows:

1. Students who acquire 30 semester hours of credit during the school year will be permitted to select their place of residence after fulfilling the terms of their residence hall contract, OR
2. Students who have lived in residence halls for two (2) semesters (two summer sessions count as one semester), OR
3. Married students, OR
4. Students who are 21 years of age or older, prior to the beginning of the semester for which enrollment is sought, OR
5. Students who live at home with their parents within a fifty (50) mile radius of Charleston, Illinois, OR
6. Students, who by reason of medical necessity require special housing.

To receive an exemption, you must provide one or more of the following:

1. Record of prior residency
2. Certified copy of marriage license
3. EIU records
4. Notarized statement from parents
5. Statement from EIU Health Service signed by an EIU physician

Residence Halls

University Residence Halls and Dining Services are designed to provide for the student's education outside of the classroom. The basic philosophy is the development of the total student. Professionally educated resident directors are available in each of the residence halls to aid in the residents' adjustment both to group living and to the University. Most residence hall rooms are designed for double occupancy although singles and triples are available, as are the four- and six-person suites in Stevenson Hall. The following lists the maximum capacity of each hall:

Andrews	460	McKinney	150
Carman South	384	Pemberton	201
Carman North	430	Stevenson	360
Douglas	194	Taylor North	295
Ford	150	Taylor South	297
Lawson	460	Thomas	438
Lincoln	194	Weller	150

An application for residence hall room and board should be requested from the Office of University Housing and Dining Services.

(Application for admission to the University does not constitute an application for housing.) All space in the residence halls is assigned according to the date the Cashier's Office receives the \$50

deposit and completed application cards. Twenty-five dollars of the deposit is an application fee and is non-refundable even if the student is not accepted to the University. Residence hall accommodations are granted on a priority basis, determined by the date of housing application and deposit and the student's year in school. More specific information regarding University Residence Halls will be mailed upon request by the Office of University Housing and Dining Services.

Residence Hall Fees

Housing Deposit

A \$50 housing deposit must accompany an application for residence hall accommodations. The deposit will be held by the University as a damage fee and a guarantee of contract fulfillment. Twenty-five dollars of the deposit is an application fee and is non-refundable even if a student is not admitted to the University. Twenty-five dollars of the deposit will be refunded upon written request and in accordance with the terms of the residence hall contract.

Room and Board Charges

2001-2002 charges for room and board in the University residence halls are: \$2,148 per semester for the Traditional Double with 5 plus meal plan, \$2,243 per semester for the Traditional Double with 10 plus meal plan, \$2,327 per semester for the Traditional Double with 12 plus meal plan and \$2,421 per semester for the Traditional Double with 15 plus meal plan. Failure to make the advance payment according to the terms of the residence hall contract will result in cancellation of the residence hall assignment, not the contract, and forfeiture of the Housing Deposit.

The University reserves the right to increase residence hall rates, if necessary, during an academic year, with the understanding that at least 45 days notice will be given.

Room and Board

A residence hall room and board contract is issued for the academic year or balance thereof excluding vacations and semester breaks. Therefore, once the student has agreed to the contract, he/she is expected to honor the contract for the Fall and Spring. The only exceptions are if a student: 1) withdraws from Eastern and does not return for the next semester; 2) student teaches outside the Charleston/Mattoon school districts; 3) graduates; or 4) is academically dismissed from the University. All housing payments are refunded if a student is not admitted to the University. Students who cancel their contract and/or move from the residence hall and do not officially withdraw from the University will be held responsible for the cost of the entire year's residence hall contract.

Students expelled from the residence halls for disciplinary reasons under the provisions of the Student Conduct Code will be responsible for the late cancellation fee, full room charges for the year, and for board charges through the week in which the student leaves the hall.

If the student cancels this contract and withdraws from the University (and is not a student at EIU) after May 1 for the Fall semester or December 1 for the Spring semester, late cancellation penalties will be assessed. Please refer to the current residence hall contract for specific dates and amounts.

If the student cancels the contract after the May 1 for Fall or Dec 1 for Spring deadline but does not withdraw from the University, he or she shall be held liable for the entire room and board charges for the fall and spring semesters.

Greek Court

Greek Court is Eastern's on-campus fraternity and sorority housing complex, which is owned and operated by the Office of University Housing and Dining Services. There are 19 Greek organizations residing in this area, representing all three national governing councils--the Interfraternity Council, Panhellenic Council, and National PanHellenic Council. The cost to live in Greek Court is currently the same as in the residence halls. The individual student contract and staffing are also similar to those of the residence halls.

University Court

University Court, a University-owned apartment complex composed of 145 apartments in 11 separate buildings, offers apartment living for sophomores, juniors, seniors, and graduate students. Rental rates for University Court apartments do not include the cost of electricity or water. Local telephone service, cable television basic service (including a movie channel), and trash removal are included. To apply for an apartment in University Court, contact the apartment office, located in University Court, at 581-8000 or stop by between 9 a.m. and 4:30 p.m. Monday through Friday. Rates also available at website: <http://www.eiu.edu/~housing/>.

Family/Graduate Student Housing

The 154 University Apartments consist of 100 one-bedroom and 54 efficiency apartments. All utilities including local telephone and cable television with a movie channel are furnished by the University and included in the rental rate. The apartments are designed to provide inexpensive living facilities for families and single graduate students.

2001-2002 rates are as follows: \$1595.00 per semester for a one-and-one-half-room furnished apartment; \$1680.00 per semester for a two-room apartment. Additional information may be requested from the Office of University Housing and Dining Services.

All assignments are made on the basis of date of application for housing according to the eligibility requirements listed below. A \$125 deposit, which includes a \$25 non-refundable application fee, must accompany the application form.

The eligibility requirements are:

1. Applications from student families and single graduate students are considered first.
2. To be eligible to live in University Apartments, an applicant must be enrolled in at least five semester hours. If a resident drops below the five semester hours, the assignment will be cancelled.
3. Applicants must prove their eligibility for a University Apartment assignment by providing the Office of University Housing and Dining Services with a certified courthouse copy of their marriage license. A minister's copy or a Xerox copy without the appropriate seal will not be acceptable. In the case of single parents, a certified copy of the child's (or children's) birth certificate will be required. The above-mentioned information is required prior to assignment.
4. When all eligible applicants who are student families and single graduate students have been assigned, consideration will be given to single undergraduates who have either completed 90 semester hours or are at least 25 years of age.

Bond Statement

Notwithstanding any other facilities which now or at any time hereafter may be available for students and faculty of said university (with the exception only of the covenants and agreements made by the Board of Trustees of EIU for the security of the outstanding bonds heretofore issued for said university), the University will require, and adopt parietal rules and regulations designed to assure the maximum use of said project, and existing university facilities, until all of the bonds have been fully paid as to both principal and interest.

Miscellaneous Fees and Charges

Charges for Materials. Fees are paid for materials used in certain courses.

Constitution Examination. \$2.

Education Abroad Fee: A single fee equal to the tuition for a two-hour course will be charged for students attending a foreign university or studying under a University program abroad.

Family and Consumer Sciences Breakage. A fee of \$2 or \$5 is charged for material usage to students in clothing and food classes.

Field Trip Fee. Fees are charged in some courses to offset the cost of field trips. These courses and the amounts charged are noted in the semester class schedule.

First Aid/CPR Courses Materials Fee. \$9.

Graduation Fee. Candidates for graduation obtain applications for graduation at the Records Office and pay the non-refundable graduation fee at the Business Office. The fee of \$15 for degree candidates does not include the cost of cap and gown rental. The last day for applying for graduation is listed in the University calendar and/or Class Schedule.

Health Studies Competency Examination. There is a \$2 fee for this examination (which can be taken only once).

International Student Fee. \$100 per semester.

Late Registration Fee. A fee of \$25 is charged to a student who enrolls beginning with late registration. This fee is non-refundable.

Lock Purchases. Padlocks for lockers used in physical education must be purchased at the Martin Luther King Jr. University Union Bookstore.

Penalty for Returned Checks. A \$15 fine will be charged on all checks returned to the University for non-payment for any reason.

Physical Education Clothing and Towel Rental Policy. The Physical Education Department provides a rental service to students and faculty/staff for clothing items and towels which may be used for physical education classes, intramural sports, or recreation. The service charge also provides unlimited exchange for clean laundered items. The following items are available:

1. Physical education uniform (shorts, T-shirt, socks, supporter)
2. Towel

1 semester	Deposit
1. \$8.00	\$7.00
2. \$4.00	\$4.00
2 semesters	Deposit
1. \$16.00	\$7.00
2. \$ 8.00	\$4.00
*3 semesters	Deposit
1. \$24.00	\$7.00
2. \$12.00	\$4.00

*Only available in fall semesters.

Clothing is available to both men and women. Payment of the fee and deposit may be made at the check-cashing window in the University Union. Identification cards will be validated each term to identify those who are taking part in the program. Clothing must be turned in at the end of card duration (one semester, two semesters, or three semesters) to receive deposit. Deposits will be refunded anytime during the term (through the last day of final exams) upon return of the clothing and clearance of card by equipment room attendant.

Career Services Fee. There is a \$20 fee for current undergraduates and Alumni to register their placement credentials with Career Services.

Proficiency Examination. \$10 per semester hour.

Student Identification Card. Student I.D. cards are issued to new students their first term of enrollment. The first card is free. An official schedule form must be presented when an I.D. card is validated or revalidated. Full-time and part-time students' I.D. cards are validated at no charge for all subsequent semesters of attendance upon presentation of the official schedule form for each semester of enrollment. The cost for a replacement card (i.e., name change, Social Security number change, lost, stolen, and/or mutilated) is \$20. Proper picture identification is required for reissuing an I.D.

Transcript Fee. A fee of \$4 will be charged for each transcript issued. Transcripts will be issued only for students whose records are clear. The fee for "Rush" transcripts, processed within 24 hours, is \$10.

Textbook Rental Service Fines. Students not returning textbooks by announced deadlines at semester or term ends are subject to fines of \$2 per book plus 25 cents per day per book with a maximum of \$10 per book. Lost textbooks must be paid for at full replacement cost. Students may also be required to pay replacement costs for textbooks in which they have written or highlighted, which have been subjected to unusual wear, or which have been water damaged.

Writing Competency Examination. \$20 each examination.

Official Receipts

Official receipts for fees must be preserved by the student during the term involved.

Refunds

The term "refund" is defined as the cancellation of an unpaid obligation as well as an actual refund of an amount previously paid. Exceptions to the tuition and mandatory fees refund policy must be submitted in writing to the Dean, Enrollment Management, for consideration. Appeals of denials of such requests may be made to the Vice President for Student Affairs, but no later than 60 calendar days following the close of the session for which the refund would have been applicable.

Withdrawal (Fall and Spring Semesters)

Full Refund

If a student withdraws from the University during a term by completing the procedure described in Section V and if the initiation and completion of the withdrawal are made through the Registration Office in accordance with dates set forth in the University Calendar, all tuition and mandatory fees (except insurance) will be refunded. If a student withdraws as stated above, the student will be responsible for paying only the insurance fee (if student is full-time).

Fifty Percent Refund

If a student officially withdraws from all classes in accordance with established University procedures by the date set forth in the University Calendar, the student will receive a refund of one-half of all tuition and mandatory fees paid (except insurance). If a student withdraws as stated above, the student will be responsible for paying half of all tuition and mandatory fees plus the insurance fee.

Withdrawal (Summer/Other Special Terms)

Full Refund

During Summer and any other special term, the last day to withdraw officially from the University and receive a refund of all tuition and mandatory fees (except insurance) is the same as the last day to withdraw from a course without receiving a grade. (See calendar at front of catalog.) During Summer and any other special term, the last day to withdraw officially from the University and be responsible for paying only the insurance fee is the same as the last day to withdraw from a course without receiving a grade. (See calendar.)

Fifty Percent Refund (Summer -- 8/4-Week Terms Only)

If a student officially withdraws from all classes in accordance with established University procedures by the date set forth in the University Calendar, the student will receive a refund of one-half of all tuition and mandatory fees paid (except insurance). If a student officially withdraws in accordance with established University procedures by the date set forth in the University calendar, the student is responsible for paying half of all tuition and mandatory fees plus the insurance fee.

Early Registration

Cancellation

If a student registers and pays his/her fees prior to the late registration date for the term but decides not to attend the University, all fees will be refunded if notice is given in writing to the Registration Office before the late registration date for the term. If such written notice is not given before the late registration date but is given by the last day to withdraw without a grade, all fees (except insurance) will be refunded.

Reduction in Load

Upon written request, a student who initially pays full tuition and mandatory fees and then reduces his/her load to part-time by the last day to withdraw without a grade will be refunded the difference (except insurance, where applicable). A student receiving such a refund will not be eligible for activities and benefits covered by the refunded fees. A student will be billed for the number of credit hours scheduled as of the 10th class day for Fall or Spring; fifth class day for Summer.

FINANCIAL AID

Return of Title IV Funds

Federal regulations govern the return of Title IV funds disbursed for a student who completely withdraws from a semester. This rule assumes that a student earns his or her aid based on the period of time he or she remained enrolled. During the first 60 percent of the semester, a student "earns" Title IV funds in direct proportion to the length of time he or she remains enrolled. The percentage of time during the semester that the student remained enrolled is the percentage of disburseable aid for that period that the student earned. A student who remains enrolled beyond the 60 percent point earns all aid for the semester.

A copy of the policy may be obtained from the Office of Financial Aid or from our website at <http://www.eiu.edu/~finaid/famenu.htm>.

The Office of Financial Aid will return unearned aid to the federal government. The student is then responsible for returning the unearned aid he or she has received to the university.

Satisfactory Progress Requirements

In accordance with U.S. Department of Education regulations, Eastern Illinois University is required to establish satisfactory standards for federal and state financial aid recipients. The minimum and maximum standards to receive financial aid are monitored at the end of every semester. There are two minimum standards that must be monitored, cumulative grade point average (CGPA) and completion rate (cumulative completed/attempted hours). The maximum standard is 180 cumulative attempted hours.

Undergraduate recipients with 60 or more attempted hours or who have attended four or more semesters are required to have a 2.0 GPA. Failure to maintain a 2.0 GPA results in immediate suspension of financial aid eligibility.

Undergraduate recipients with 59 or fewer attempted credit hours are required to meet a 60% minimum completion rate. Undergraduate recipients with 60 or more attempted credit hours are required to meet a 70% minimum completion rate. If a student is not making progress under the minimum standards (with the exception of a student who must maintain a cumulative 2.0), he/she will be placed on Financial Aid Probation and allowed the following semester of enrollment to achieve the minimum standards. At the end of the probation period, if the student has not achieved satisfactory progress, financial aid suspension occurs.

If a financial aid recipient loses his or her eligibility due to suspension, an appeal may be filed through the Vice President for Student Affairs Office. The complete policy for Satisfactory Academic Progress to receive Financial Aid and/or an appeal form may be obtained upon request from the Office of Financial Aid or at our website <http://www.eiu.edu/~finaid/famenu.htm>.

State Scholarships and Grants

Illinois Student Assistance Commission Scholarship and Grant Monetary Awards

Under authority granted by the Illinois General Assembly, the ISAC administers a program of monetary awards for students in the state of Illinois who attend one of the ISAC-approved colleges, universities, or hospital schools of nursing in Illinois. To be eligible for a monetary award the applicant must:

- Be a citizen or permanent resident of the United States.
- Be a resident of the state of Illinois.
- Be eligible to enroll as a half-time (6 to 11.999 hours) or full-time undergraduate student.
- Not have received, nor met the requirements to receive, a baccalaureate degree.
- Demonstrate financial need as determined by the Commission from income/asset data supplied in the application.
- Maintain satisfactory progress in the course of study according to the standards of the institution.

- Not owe a PELL grant, Supplemental Grant or State Student Incentive Grant previously received for attendance at any institution.
- Not be in default on any Perkins Loan National Direct or Defense Student Loan made by that institution or on a loan made, insured, or guaranteed under the Stafford loan program for attendance at any institution.

Monetary awards range from \$300 per academic year to a maximum of \$4,740 (as currently established by the General Assembly) but cannot exceed the amount of tuition and mandatory fees paid by all students enrolled at an institution.

Application can be made by completing a "Free Application for Federal Student Aid" (FAFSA) form. This form may be obtained from high school counselors, financial aid offices in colleges, universities, and schools of nursing, and from many social agencies. A college choice must be indicated at the time of application, but this choice may be changed after the application is processed.

David A. DeBolt Teacher Shortage Scholarship

Candidates for this scholarship must: be at least a sophomore, have obtained a GPA of 2.5 or higher, have applied for federal student aid, be undergraduate or graduate students seeking initial teacher certification in a shortage area, and must sign a teaching agreement if awarded a scholarship. They must also be making satisfactory academic progress at the University, must be U.S. citizens and Illinois residents, and must be enrolled at least half-time. This scholarship is not awarded to those receiving an Illinois Special Education Teacher Scholarship or a Minority Teachers of Illinois Scholarship in the same year. Applications are available in the Office of Financial Aid or contact ISAC, 1755 Lake County Road, Deerfield, Illinois 60015-5209. Completion of the FAFSA is required.

Illinois Special Education Teacher Scholarship

Candidates for this scholarship must plan to major in Special Education or Communication Disorders and Sciences, and must be U.S. citizens and Illinois residents. They must also be undergraduate or graduate students seeking initial certification in the field of Special Education, be making satisfactory academic progress at the University, and must sign a teaching agreement if awarded a scholarship. This scholarship is not awarded to those receiving a David A. DeBolt Teacher Shortage Scholarship or a Minority Teachers of Illinois Scholarship in the same year. Applications are available in the Office of Financial Aid or contact ISAC, 1755 Lake County Road, Deerfield, Illinois 60015-5209.

Minority Teachers of Illinois Scholarship

Candidates for this scholarship must be at least a sophomore, have obtained a GPA of 2.5 or higher, and must be U.S. citizens and Illinois residents. They must also be members of a minority, enrolled full-time in an approved teacher education program, be making satisfactory academic progress at the University, have not received a baccalaureate degree, and must sign a teaching agreement if awarded a scholarship. This scholarship is not awarded to those receiving a David A. DeBolt Teacher Shortage Scholarship or an Illinois Special Education Teacher Scholarship in the same year. Applications are available in the Office of Financial Aid or contact ISAC, 1755 Lake County Road, Deerfield, Illinois 60015-5209.

General Assembly Scholarship

Each member of the General Assembly must award annually two four-year scholarships, one for attendance at the University of Illinois and the other for attendance at any other state-supported university designated by the member. The scholarship may be awarded to one or more persons as one-, two-, or four-year scholarships. A General Assembly Scholarship pays full tuition plus the student activity and athletic fees assessed by the institution. (The student must pay any remaining fees assessed by the University.) Application may be made any time directly to the legislator who makes the appointment through the Illinois Office of Education.

Grants for Children of Illinois Policemen and Firemen Killed in Line of Duty

The parent had to have been a volunteer or employed by an Illinois police department or fire department and the death due to occurrences in the line of duty. The student may be an undergraduate or graduate and must have been in legal custody of the deceased policeman/fireman at the time of his/her death. The grant pays tuition and mandatory fees. For further information contact the Illinois Student Assistance Commission, 1755 Lake Cook Road, Deerfield, Illinois 60015.

Grants for Dependents of Correctional Workers Who Were Killed or 90% Permanently Disabled (Service-Connected) after January 1, 1960.

The employee must have been assigned to a security position with responsibility for inmates. For undergraduate or graduate study, pays tuition and mandatory fees. For further information contact the Illinois Student Assistance Commission, 1755 Lake Cook Road, Deerfield, Illinois 60015.

Illinois National Guard/Naval Militia Scholarship

Eligible for this award are current enlisted members, warrant officers, and commissioned officers through the grade of captain who have served at least one year in the Illinois National Guard. Applicants may be full- or part-time graduates or undergraduates. The scholarship's value is full tuition and partial activity fees. Applications are available at any National Guard Armory and in the Office of Financial Aid. Applications are mailed to the Illinois Student Assistance Commission, 1755 Lake Cook Road, Deerfield, Illinois 60015.

Military Scholarship. See Section on **Veterans' Benefits.**

Illinois State ROTC Scholarships

Under authority granted by the Illinois General Assembly, the EIU Army Reserve Officers' Training Corps Program administers two types of scholarships. These scholarships do not entail any military service obligation.

- a) Illinois State ROTC Scholarship is a one- to four-year scholarship that pays full tuition, athletic and activity fees. It is awarded by the Chairman, Department of Military Science, on a competitive basis to students enrolled in Military Science classes. Up to 10 scholarships are awarded to each class. Once awarded, the scholarships are retained as long as the student is in good standing in the ROTC Program. Application for the scholarship should be made to the Chairman, Department of Military Science, EIU. Applicants are not required to be enrolled in a Military Science course at the time of application.
- b) Illinois State ROTC Transfer Student Scholarship is awarded by State Community Colleges to students transferring to EIU or other state four-year colleges and entering the ROTC Program. The scholarship pays 100 percent tuition, athletic and activity fees. Each Community College has up to three scholarships per year. The Chairman, Department of Military Science, certifies enrollment in the Army ROTC Program and the scholarship is awarded by the Community College on a competitive basis. Applications should be made to the Chairman, Department of Military Science, Eastern Illinois University. Applicants are not required to be enrolled in a Military Science course at the time of application.

More information can be found at <http://www.eiu.edu/~armyrotc/>.

Federal ROTC Scholarship

This program is designed to offer financial assistance to outstanding young students in the Army ROTC program who are interested in the army as a career. The program provides tuition, books, laboratory and mandatory fees, and a subsistence allowance of \$200 per month for the period that the scholarship is in effect. Scholarships may be awarded for two, three, or four years. Four-year scholarships are open to all high school students or to students in a five-year

baccalaureate program during their freshman year. Application is normally made for the scholarship during the first semester of the senior year in high school. Two- and three-year scholarships are available to freshmen and sophomores in their second semesters, respectively. Applicants do not have to be in ROTC and can compete without obligation.

State Rehabilitation Program

The University cooperates with the Illinois Department of Rehabilitation Services. The purpose of this program is to provide rehabilitative services to those individuals who have a physical disability or psychological disorder that interferes with their vocational objective. Information concerning this program can be obtained at the Counseling Center, the local office of the Department of Rehabilitation Services, 129 N. 15th Street, Mattoon, Illinois 61938, or the student's home area Office of Department of Rehabilitation Services.

University Awards

Lulu Craig Collier Scholarship. Established by Lulu Craig Collier to assist students from Coles County, Illinois, who have graduated in the top 25 percent of their graduating class from any one of the county's public high schools, this scholarship is presented annually to prospective Eastern freshmen. Apply to High School Guidance Counselor.

Danforth Foreign Language Fund. This award was established by Frances R. Danforth for the use and benefit of students majoring in Foreign Languages.

Disadvantaged Student Scholarship. Approximately 10 of these scholarships are awarded each year to graduate and out-of-state undergraduate U.S. citizens and are based on financial need. The scholarship pays only the recipient's tuition and does not include service fees. Application should be made to the Director of Financial Aid.

Ardath Louise Fogelsanger History Scholarship. Established by Edna W. Honaker in memory of her daughter, Ardath Louise Honaker Fogelsanger, a graduate of Eastern who died in 1965, the award is presented to a junior history major when the accumulation of funds warrants.

Grant-in-aid. Eastern offers in excess of 200 grant-in-aid awards annually to students who show promise or demonstrate a talent in selected fields. Among these are art, athletics, debate, student publications, music, drama, and student leadership. The Grant-in-aid program is financed through a student grant-in-aid fee. Application should be made to the appropriate department.

International Student Scholarship. Intended to promote cultural exchange and diversity, the awards are based primarily on academic achievement and potential. The number of awards available to students from other countries is limited. The scholarship pays only out-of-state tuition and does not include room and board, which must be paid by the student. Application should be made to the International Student Advisor.

Socio-Economically Disadvantaged Student Scholarship. This scholarship is administered by the Director of Financial Aid from funds derived from the Socio-Economically Disadvantaged Student Fee paid by each student as part of his/her enrollment costs. Each Eastern Illinois University financial aid application submitted to the Office of Financial Aid is checked for eligibility for this scholarship.

Talented Student Awards. These awards were established to encourage the development of unique student talents. Tuition (registration fee) is waived for students receiving the awards. The awards go to students with talent in art, athletics, debate, music, drama, student publications, and student leadership, plus special academic achievement awards. Nominations are made by department chairpersons.

Foundation Awards

Please note that this is a complete listing of all scholarships approved by the Foundation Board of Directors. Some awards are funded by estate commitments and are not fully funded at this time. Please check with the department or unit for application information. Detailed descriptions of scholarships available through the Eastern Illinois University Foundation may be examined at Brainard House, 1548 4th Street, Charleston, during normal business hours.

Accountancy Advisory Board Endowment. Established by the Accountancy Advisory Board to strengthen the Accountancy Program at EIU. This award may be used for, but is not limited to, the following: accounting scholarships, faculty development, special conferences, guest speakers, consultants, technology renewal, instructional improvements, recognition/recruitment events, and capital projects. If a scholarship is awarded, the student must be accepted to the Accounting Program with an overall GPA of 3.2. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Gayle Hutton Adkins Award. Established in memory of Gayle Hutton Adkins, an alumna of Eastern, this award is made annually to a junior or senior demonstrating outstanding personal character and high scholarship in the pre-medical studies program. Preference will be given to a married candidate. Apply to the Department of Biological Sciences.

The Jessie Voigt Allhands Mathematics Scholarship. Established in 1996 by Jessie Voigt Allhands, this scholarship goes to a full-time undergraduate student majoring or intending to major in a degree program in the Department of Mathematics. Recipients must have an overall GPA of 3.0 from their high school. Financial need is a consideration. Preference will be given to students from West Salem, Illinois, or communities close to West Salem. Apply to the Chair, Mathematics Department.

Dewey H. Amos Geology and Earth Science Award. Established in 1990 to provide an annual award for outstanding juniors in the Geology or Earth Science Program, this award is based equally on GPA and participation/leadership in the Geology and Earth Sciences programs.

Rudolph D. Anfinson Scholarship. Established by Mrs. Ralph Widener, Sr. and Dr. Ralph Widener, Jr. in honor of Dr. Rudolph D. Anfinson, former Dean of Students at Eastern, this award is presented annually to a junior, senior or graduate student who is active in extracurricular activities (excluding intercollegiate athletics) and who displays outstanding character and scholastic achievement. Apply to the Vice President for Student Affairs.

Charles B. Arzeni Tropical Biology Fund. Established by friends and family of Charles Arzeni, this award is presented to a junior Biological Sciences major with an overall GPA of 3.0. The award must be used for travel in the tropics for studies in tropical biology. Apply to the Department of Biological Sciences.

Athletic Training Scholarship. This award was established to provide an annual scholarship for students pursuing studies leading to careers in athletic training or related fields. Selection is based upon peer and staff evaluation, academic qualifications and clinical experience. Apply to Director, Athletic Training Program.

Attainment Fund Scholarship. Established in 1965 to provide financial assistance to outstanding students, the award presently goes each year to one or more students who have attained at least sophomore standing and who need at least one more year of study to receive a bachelor's degree. Selection of the recipient, including the determination of financial need, is made by the Financial Grants Committee. Nominations are made by various departments on campus.

Award for the Outstanding Senior Business Student. Established by Dr. James Giffin, founding Dean of the College of Business, and Mrs. Giffin to recognize and reward outstanding achievement by persons completing a course of study in a business

curriculum, this award is presented annually to a graduating senior who, by reason of scholarship, experience, character, and service to the University, gives promise of a life of distinguished service and leadership.

Altamont Lions Club/Ernie C. Ballard Scholarship. Established in 1993 by Ernie C. Ballard, this award was established for a graduate of any Effingham County high school majoring in Biological Sciences with an interest in conservation or environmental sciences. The recipient must have an overall GPA of 2.5, display a need for financial aid, and demonstrate successful leadership and positive moral character regarding civic extracurricular student activities. Apply to the Department of Biological Sciences.

Elisha H. and Estella Ziegler Baumgartner Scholarship. Established in 1991, this award was provided by the estate of Elisha H. Baumgartner. This award is given to one student in each of the following departments: Economics, History, Political Science and Sociology. Awards are made to sophomores who demonstrate financial need. Apply to the department.

I. Roberta Bell Minority Scholars Scholarship. Established in 1991 by Grace Markwell Meier, this award goes to minority students who have enhanced the dignity of minority culture through demonstrated academic achievement and excellence. Apply to Minority Affairs.

Beta Gamma Sigma Endowment Fund. Established by the Beta Gamma Sigma Chapter to strengthen and support the Chapter at EIU. The award may be used for, but is not limited to: scholarships, special conferences, guest speakers, recognition/recruitment events, and membership dues. If a scholarship is presented, the recipient must be a full-time student accepted to the School of Business and have completed at least 30 semester hours of course work. The recipient must also be a member in good standing of the EIU Beta Gamma Sigma Chapter.

Amy Blumberg Memorial Scholarship. Established in memory of Ms. Blumberg, this award is given to a full-time student who is a new initiate of Gamma Mu Chapter of Sigma Kappa Sorority with a minimum GPA of 3.0. The recipient must demonstrate involvement in co-curricular activities and show evidence of leadership qualities or experience. A one page essay must be submitted explaining why she should receive the scholarship, including financial need. Apply to the Advisory Board, Gamma Mu Chapter of Sigma Kappa Sorority

The Brankey Scholarship. Established in 1996 by Edward Brankey, this award goes to an incoming freshman Business major who shows potential for academic success. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Alexander Briggs Memorial Award. Established by Margaret Briggs in memory of her father, Alexander Briggs, the contractor who completed the L.C. Lord Administration Building, this award is made annually to a business major who has completed at least one year of college work with not less than a B average, and demonstrates outstanding personal character and interest in the field of business and business education. Apply to the Lumpkin College of Business and Applied Sciences.

Margaret Briggs Mathematics Scholarship. Established by Dorothy Jane Briggs in memory of Margaret Briggs, this award is made annually to a graduating senior from an Illinois high school who is majoring in mathematics and demonstrates high scholastic standing. Financial need is a consideration. Apply to the Mathematics Department.

Ewen "Lefty" Bryden Alumni Scholarship. Established in 1992 by the Leisure Studies Alumni, this award goes to a declared major in Recreation Administration who carries a minimum GPA of 3.00 and demonstrates leadership potential. Apply to the Department of Recreational Administration.

Dorothy Davis Bunge Scholarship. Established in 1990 by Gordon C. Bunge, this scholarship is awarded to full-time students

from DuPage County who participate in the Honors Programs with a 3.5 GPA. Students may reapply each year, but the scholarship shall not automatically be renewed. Apply to the Honors Programs.

Burgner Memorial Scholarship. This award was established by Helen Burgner Douglas Hart to provide a scholarship for a graduate of Mattoon or Charleston High School who is majoring in the Biological Sciences. Apply to the Department of Biological Sciences.

The Robert G. Buzzard Presidential Memorial Scholarship. Established in 1997 by Ms. Martha Feutz, this scholarship is awarded to a full-time undergraduate student enrolled in Teacher Education. The recipient must have earned approval to take teacher education courses with a minimum GPA of 3.0. The scholarship goes to a student who has demonstrated potential for scholarship, leadership, and service within the field of education. Apply to Dean, College of Education and Professional Studies.

The Irene Couchman Buzzard Scholarship. Established in 1997 by Ms. Martha Feutz, this award is presented to a full-time Art student with at least second semester sophomore standing. The recipient must have an overall GPA of 2.5 and an art CPA of 3.0. Students will be nominated by the Art Department faculty. Preference will be given to students demonstrating an excellence in crafts. Apply to the Dean, College of Arts and Humanities.

Ruth Carman Scholarship. Established in memory of Ruth Carman, former professor of foreign languages at Eastern from 1914 to 1953, this award is presented annually to an outstanding student in foreign languages. Apply to Foreign Language Department.

William H. and Waneta Sedgwick Catey Scholarship. Established in 1998 by Waneta Sedgwick Catey, this scholarship is awarded to a full-time junior or senior, majoring in Early Childhood, Elementary, or Middle Level Education. The recipient must be a graduate of a Cumberland County or Clark County High School. Preference will be given to a graduate of Casey-Westfield High School who has a minimum GPA of 3.0. Financial need is a consideration. The recipient must show evidence of community service/volunteer activities. The recipient must be of good moral character as evidenced by a letter of recommendation. The award must be used for tuition. Apply to the Chair, Department of Early Childhood, Elementary, and Middle Level Education.

Dr. Harold M. and Alice D. Cavins Scholarship. Established by Mary June Blackford, friends and family in honor of Dr. and Mrs. Harold M. and Alice Cavins, this award is presented to an Eastern junior, senior, or graduate student majoring in a health-related field and who is preparing for a career in a health-related field. The recipient must have a 3.0 GPA, display an integrity of character, and demonstrate a willingness to be of service to the community. Apply to the Dean, College of Sciences, or to the Dean, College of Education and Professional Studies.

Charleston Business and Professional Women's Club Scholarship. Established in 1994 by the Charleston Business and Professional Women's Club, the scholarship is presented to a recipient from the Charleston area who is attending Eastern Illinois University. Financial need is a consideration. Apply to any Charleston Business and Professional Women's Club member.

Charles and Barbara Clark Elementary Education Scholarship. Established in 1998 by Barbara Heise Clark, in memory of her husband, this scholarship is awarded to a full-time student majoring in Early Childhood, Elementary, or Middle Level Education. Financial need is a consideration. Preference will be given to students from Decatur schools. Apply to the Chair of Early Childhood, Elementary, and Middle Level Education.

Martha Elizabeth and Vernice Elizie Clark Memorial Scholarship. Established in 1991, this award was created to present annual awards to sophomore, junior, or senior students majoring in Elementary Education. Recipients must be residents of Crawford County. Apply to the department.

The Clay/Richland Scholarship Fund. Established in 1988 by an anonymous donor, this award is presented annually to an undergraduate student from Clay/Richland counties entering Eastern Illinois University for the first time and admitted as a Pre-Business or Business major. The award is based on academic performance with the stipend paid upon verification of enrollment in the Fall. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Walter and Lola Stephenson Cole Scholarship. Established in memory of Walter and Lola Stephenson Cole by an anonymous donor, this award is presented annually to a graduate of Marshall High School who demonstrates financial need, moral and civic character, and academic achievement. Apply to the Office of Development.

Charles H. and Dorothee Coleman Scholarship. Established in memory of Dr. Charles H. Coleman, former professor and Head of the Department of History, and a distinguished Lincoln scholar, this award goes annually to an undergraduate or graduate history major. Apply to the History Department.

Coles/Douglas Scholarship. Established in 1991 by an anonymous donor, this scholarship goes to students majoring in Elementary Education who are residents of Coles or Douglas County. Recipients must demonstrate financial need and be in good academic standing. Apply to the department.

Donna Lynn Connelly Memorial Scholarship. Established in 1989 by the parents of Donna Lynn Connelly, this award goes to a deserving female sophomore, junior, or senior majoring in Family and Consumer Sciences. Apply to the School of Family and Consumer Sciences.

James E. and Joseph T. Connelly Scholarship. Established in 1993 by friends and colleagues of Joseph T. Connelly, this award was established for a junior or second-semester sophomore majoring in Political Science at Eastern. The recipient must have a cumulative GPA of 3.0 and a GPA of 3.0 in three or more political science courses. The recipient must have a record of community or University service, and must write a 300-500-word essay illustrating a "social conscience approach" to a governmental problem. Apply to the Department of Political Science.

Ruth C. Boyd Cook Memorial Award Fund. Established in 1992, this award is provided by the estate of Ruth C. Boyd Cook. It is given to the best student(s) who have completed at least one year in the field of painting. Apply to the College of Arts and Humanities.

Cooley-Marathon Scholarship. This award was established by Mr. and Mrs. Rex Cooley to provide a scholarship to an incoming full-time freshman student enrolled as a Pre-Business major. This award continues as long as the student remains in good standing in business. Apply to Dean, Lumpkin College of Business and Applied Sciences.

Stephen Alan Coon Mathematics Scholarship. Established in 1997 by Dr. Lewis H. and Rose M. Coon in memory of their son, Stephen Alan Coon, this award goes to a full-time sophomore majoring in a degree program in the Mathematics Department. The recipient must have an overall GPA of at least 3.0 and not higher than 3.5 and must have a need for financial aid. Preference will be given to those also majoring or minoring in Physics, then to those striving for a second degree in Mathematics. Apply to the Chair, Mathematics Department.

Calvin Countryman Memorial Award. Established by Dorothy Lee Countryman in memory of her husband, Calvin Countryman, a faculty member in the Art Department, the annual award is presented to an Art Education major of senior standing who has completed or is enrolled in student teaching. Apply to the Art Department.

Joseph and Cecilia Covi. Established by Dario and Madeline Covi, this scholarship is awarded to a full-time student who graduated from Livingston, Illinois High School. If there is not a qualified candidate,

the recipient must be a high school graduate who is a resident of Illinois. Apply to the vice President for Student Affairs.

Joyce S. Crouse Family and Consumer Sciences Scholarship. Established in 2000 to provide an award for a full-time student issued in a three year cycle. The first and second year the recipient must be enrolled in Family and Consumer Sciences. The third year, the student must be enrolled in the Gerontology Program. If there is no suitable candidate in Gerontology, then other FCS candidates may be considered. Apply to the Chair, Family and Consumer Sciences.

Richard L. Crouse Memorial Scholarship. Established in 1997 by family and friends of Richard Crouse, this scholarship is awarded to a full-time sophomore, junior, or senior, with a minimum GPA of 3.0 in Spanish. The recipient must have a keen interest in Spanish as demonstrated by extra-curricular activities and classroom excellence and enthusiasm. The award must be used to cover academic costs, which includes study abroad programs whose primary purpose is to improve proficiency in Spanish. Apply to the Chair, Foreign Language Department.

George L. Cunningham, Jr. Chemistry Scholarship. Established in 1997 by the family of George L. Cunningham, Jr. in memory of Dr. Cunningham and his parents, George L. Cunningham, Sr. and Irene Brooks Cunningham, this award goes to an undergraduate Chemistry major with an excellent academic record. Preference will be given to students with outstanding performance in physical chemistry. Apply to the Chair, Chemistry Department.

Neil Cutright Memorial Award. Established by George L. and Dorothy Cutright in memory of their son, Neil Cutright, an alumnus of Eastern, the award is presented to a needy incoming freshman, with preference being given to graduates of Cumberland High School in Toledo, Illinois. Financial need is a consideration. Apply to the Principal, Cumberland High School.

Kenneth E. and Donelda Damann Aquatic Ecology Award. Established by Mrs. Donelda Damann in memory of Dr. Kenneth E. Damann, an authority in the field of Aquatic Ecology and former Chairman of the Botany Department. Two awards are made annually to one male and one female student majoring in Biological Sciences, Chemistry, or other fields relating to aquatic ecology who submit a superior aquatic research paper. Apply to the Department of Biological Sciences.

Ellen Cutright Decker Scholarship. Established in 1991 by A.B. and Eleanor Cutright, this scholarship benefits junior Elementary Education majors who are residents of the Cumberland High School or Casey High School districts. If no Elementary Education major is qualified, an education major from the area may be considered.

Gretchen Sue Denton Scholarship. Established in memory of Gretchen Sue Denton, a student at Eastern at the time of her death in 1971, an annual award is presented to a Recreation major of junior standing who gives definite promise of making a substantial contribution to the field of recreation. Apply to the Department of Recreation Administration.

Department of Political Science Graduate Scholarship Assistantship. Established in 1992 by the Eastern Illinois University Department of Political Science, this award is presented to a deserving Political Science graduate student. Apply to the Chair, Political Science Department.

Earl S. Dickerson Award. Established in 1991 by Earl S. Dickerson, this award goes to a senior who carries a minimum GPA of 3.60 after completing at least 30 hours of course work at Eastern Illinois University. The recipient must demonstrate qualities needed to be a professional accountant. Apply to the Lumpkin College of Business and Applied Sciences.

President Doudna Memorial Scholarship. Established in 1988 in memory of Quincy V. Doudna, who served as President of Eastern Illinois University from 1956 until 1971, this award is presented to a

freshman graduating from an Illinois high school with a 3.0 or higher GPA. Apply to the Eastern Illinois University Honors Programs.

Eunice W. Dougherty Scholarships. Established by a bequest of Eunice W. Dougherty, the awards go annually to outstanding junior students enrolled in programs administered through the Lumpkin College of Business and Applied Sciences and the College of Sciences. Apply to Dean, Lumpkin College of Business and Applied Sciences, or Dean, College of Sciences.

Thomas R. Drury Scholarship. Established in memory of Thomas R. Drury, an alumnus of Eastern, this award is presented annually to a student admitted to Eastern's Graduate School who plans to pursue a career in instructional media. Apply to the Chair, Secondary Education and Foundations.

G.B. Dudley Award. Established by Tilford Dudley in memory of his father, Dr. G.B. Dudley, this award goes to outstanding students in the fundamental sciences: Biological Sciences, Chemistry, and Physics. The recipient must have at least a 3.0 GPA in all academic studies, demonstrate the ability to conduct research, and exhibit the potential to do graduate work. Recipients are chosen by the chairpersons of these three departments. Apply to the Chair, Biological Sciences.

Lee E. and Fay C. Dulgur Mathematics Scholarship. Established by the Dulgurs, this award is given to a full-time student majoring in math. The recipients shall be the President, Vice President, Treasurer, and Secretary of Kappa Mu Epsilon and the Math Club. Students must be active and diligent in the performance of their duties for Kappa Mu Epsilon or the Math Club. Apply to the Chair of the Mathematics Department.

Ray C. and Evelyn A. Duncan Teaching Scholarship. Established in 1988 through the estate of Ray C. Duncan, this award is used to make annual grants to Crawford County high school graduates who are planning a teaching career. Applicants are nominated by the principals of each Crawford County high school before March 1 annually. Each applicant must declare in writing the intention to become a teacher, and must present at least three letters of recommendation which evaluate his or her potential as a teacher. Apply to the College of Education and Professional Studies.

Leonard and Olga Durham Environmental Biology Fund. Established by Dr. Leonard & Mrs. Olga Durham, this award may be used for assisting undergraduate and/or graduate Environmental Biology interns. Preference will be given to interns who will not be paid for their internships. The grant may be used for summer stipends for Environmental Biology and Zoology graduates in fisheries. Apply to the Chair, Biological Sciences.

Leo J. Dvorak Memorial Award. Established in memory of Dr. Leo J. Dvorak, former Director of the School of Music, this award is presented to a junior majoring in Music who shows promise of becoming an outstanding teacher in public school music. Apply to the Department of Music.

Economics Alumni Scholarship. Established in 1992 by the Department of Economics, this award is intended for a junior or senior accepted within the Department of Economics. The recipient must have a 3.0 or higher overall GPA and must demonstrate leadership within the Economics Department and serve as a role model for other students. Apply to the Department of Economics.

Edgar County Eastern Illinois University Alumni Scholarship (Athletic) Fund. Established in 1993 by the Eastern Illinois University Alumni of Edgar County, this award is designated for a recipient from Edgar County maintaining a B average or above and demonstrating dependability and potentiality. The recipient must be a citizen of the United States and must demonstrate University athletic intent. Apply to the Director of Athletics.

Brenda Edgar Scholarship For Women. Established by Brenda Edgar through Ronald McDonald Charities, this award is for a returning adult female parent over the age of 25, admitted to the

Board of Trustees BA Degree Program. The recipient must have had a significant break in education due to life events and display a need for financial aid. Demonstration of the ability to complete college level work and evidence of a commitment to complete a baccalaureate degree is required. Preference will be given to single parent females who would be unable to complete a degree without financial assistance and to a woman coming out of an abusive situation who has a strong desire to improve the quality of life for herself and her children. Apply to the Director of the Board of Trustees BA Degree Program.

The Edgar County/Livingston C. Lord Memorial Scholarship. Established by the Mary B. and Shelby A. Price Foundation, Inc. in memory of Livingston C. Lord, President of Eastern Illinois University from 1899 until 1933, this award is presented annually to deserving graduating seniors from Edgar County high schools. Apply to the Eastern Illinois University Foundation or high school principal.

Roy E. Ehrsam Scholarship. Established by a bequest of Florence Hart, this scholarship is intended to assist deserving students majoring in Technology. Apply to the School of Technology.

Charles A. Elliott Technology Education Award. Established by the late Dr. Charles A. Elliott, a member of the Eastern faculty from 1945 to 1973, this award is presented annually to a junior, senior, or graduate student in Career and Technical Education who shows promise of making a worthwhile contribution as a teacher of industrial arts. Apply to the School of Technology.

Lois E. Elliott Industrial Technology Scholarship. Established in 1992 by Lois E. Elliott, this award goes to a junior, senior, or graduate student majoring in Career and Technical Education or its equivalent field of study. Apply to the School of Technology.

Embarras Valley Quail Unlimited Scholarship. Established in 1992 by representatives of Embarras Valley Quail Unlimited, this award was established for juniors majoring in Biological Sciences with an Environmental Biology option and a minimum GPA of 2.5. Preference goes to a resident of Illinois. Apply to the Chair, Biological Sciences.

English Alumni Scholarship. Established by English alumni, this scholarship award is presented to a full-time Eastern sophomore or junior majoring in English and who has an overall GPA of 3.2. The recipient must show strong character potential for leadership and financial need. Apply to the English Department Scholarship Committee.

Richard G. Enochs Scholarship. Established in memory of Richard G. Enochs, former Assistant Director of Housing at Eastern, this award goes annually to an outstanding student residing in the residence halls or University apartments. Apply to the Director of Student Housing.

Ruth Miller Esbeck. Established By Howard Esbeck, in memory of Ruth Miller Esbeck, this award is given to full-time students from east central Illinois majoring in Family and Consumer Sciences. An interest in textiles, financial need, and academic ability may be considerations, but are not required. Apply to the Chair, School of Family and Consumer Sciences.

Excellence in Fine Arts Award. Established in 1986, in part to assist with scholarship support for incoming freshmen in the areas of art, music, and theatre arts, this award may pay full or partial tuition and/or fees for up to four years if recipients continue to be eligible. Apply to the Dean, College of Arts and Humanities.

Felstehausen-Boldrey Excellence in Career and Organizational Studies Award. Established by alumni and friends, this award is given to a student in the Career and Organizational Studies Program with a minimum of a 2.5 GPA. The recipient must have completed 80 semester hours of course work and must have a written recommendation to apply from a minimum of one faculty member in the Career and Organizational Studies Program. Apply to the Chair of the School of Technology.

The Raymond L. and Carolyn Miller Fischer Scholarship. Established in 1988 by two Eastern Illinois University 1987 Distinguished Alumnus Award recipients, this award is presented in alternate years to the most promising sophomore student specializing in history and criticism in the Speech Communication Department or English literature in the English Department. Apply to the department.

Fourth Estate Award. Established in 1990 to recognize a student who demonstrates a commitment to a responsible free press in a democracy, this award is given to a full-time Eastern Journalism major who has completed 90 semester hours at the time of application. For application, write to the Journalism Scholarship Committee.

Ann Frank Award Sponsored by Herbert and Jane Lasky. The recipient of this award must write an undergraduate paper on the Holocaust written for a course taught by a member of the Department of History at EIU. The author of the best paper will receive the award. The student must be in good standing at the time the award is conferred and when the check is issued. Apply to the Department of History.

Ann Frommel Memorial Scholarship. A scholarship for outstanding students in Biological Sciences and Chemistry, this award was established by Mr. and Mrs. Albert E. Frommel in memory of their daughter. This award is made to an outstanding student who has completed at least his/her freshman year of college work and has maintained at least a 3.0 GPA in all academic subjects. Apply to the Chair, Biological Sciences.

The Fund for Excellence in Family and Consumer Sciences. This award was established in 1996 by the friends and family of Barbara L. Hill upon her retirement from Eastern Illinois University as Provost and Vice President for Academic Affairs, after having served as Dean of Applied Sciences. The purpose of the Fund is to promote excellence in the Family and Consumer Sciences program at Eastern Illinois University. Activities which may be funded include, but are not limited to, scholarships, faculty development, special conferences, guest speakers, consultants, technology renewal, capital development, instructional improvement, and recognition/recruitment events. Apply to the Chair, Family and Consumer Sciences.

Ruth Gaertner Scholarship. Established by the family of Ruth Gaertner, former Residence Hall Food Service Director, this annual award is presented to an outstanding student completing his or her junior year and majoring in Family and Consumer Sciences with dietetics option. Apply to the School of Family and Consumer Sciences.

Elsie and Erson Giffin Scholarship. Established in memory of Elsie and Erson Giffin, this scholarship goes annually to outstanding students enrolled in a Family and Consumer Sciences program. Apply to the School of Family and Consumer Sciences.

Jim and June Giffin Scholarship. Established in 1988 through the generosity of Jim and June Giffin, this award goes to two full-time students enrolled in a Bachelor of Science in Business degree program who will be juniors at the time of the first payment, have a GPA of 3.0 or better, and who show financial need. Recipients shall be eligible to receive the award during the four semesters of the junior and senior years if they continue to meet selection criteria. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Robert F. Glover Student Government Scholarship. Established by Robert F. Glover, this award is given to a full-time student majoring in Political Science with an overall GPA of 3.0. The recipient must be very active in student government. Apply to the Chair of Political Science.

Timothy Gover and Clifford Fagan Scholarship. Established in 1989 by Rudolph G. and Kathryn Hlavek, this award is given to business students who come from low-income families or are

otherwise underprivileged. Recipients may reapply if selection criteria is met. Apply to the Lumpkin College of Business and Applied Sciences.

Vergil V. Gregg Memorial Scholarship. Established by friends and family of Vergil Gregg, this award is given to a full-time student with an overall GPA of 2.5 and a 3.0 GPA in his/her major. Preference will be given to Westfield residents, then to students in Clark County, and then it is open to students who are covered by the Regional Office of Education, Region 11, (Counties of Clark, Coles, Cumberland, Douglas, Edgar, Moultrie, and Shelby.) Apply to the Vice President for Student Affairs.

The Dr. Robert H. Griffiths Award. Established in 1997 by the family of Dr. Robert H. Griffiths, this award goes to a full-time junior or senior in the Pre-Dentistry Program. The recipient must have an overall GPA of 3.0 and be of strong moral character. Apply to the Coordinator, Medical Professions Program.

William H. Groves Memorial Award. Established in 1987 in memory of William H. Groves, longtime swimming coach at Eastern Illinois University, this award is presented to a sophomore or junior member of the Intercollegiate Swimming Team who intends to compete as a member of the Intercollegiate Swimming Team of the University during his/her senior year. Preference will be given to Physical Education majors or minors. Apply to the Department of Physical Education.

Thomas A. Grud Memorial Award. Established by the family and friends of Thomas A. Grud, who was killed in Vietnam on Christmas Day, 1967, the award goes annually to a male student who has earned a portion of his college expenses and who is in need of additional financial assistance. Preference goes to individuals involved in a men's social fraternity. Apply to the Office of Student Activities.

Lavern M. Hamand Memorial Scholarship. Established by Martha Hamand in honor of her husband, Lavern M. Hamand, this scholarship is presented to a graduate student enrolled in the History Department's traditional or Historical Administration program. The recipient must have an outstanding GPA. Preference will be given to the candidate who demonstrates outstanding scholarly achievement with an emphasis on historical writing. Apply to Chair, History Department.

Alexander Hamilton Paper Award in American History, Sponsored by Herbert and Jane Lasky. The recipient of this award must write an undergraduate paper on American History written for a course taught by a member of the Department of History at EIU. The author of the best paper will receive the award. The student must be in good standing at the time the award is conferred and when the check is issued. Apply to the Department of History.

Jim and Bess Townsend Hanks Scholarship. Established in 1990 to assist undergraduate business majors in the Department of Accountancy and Finance, this award will be given to students considering a career in insurance. Recipient may reapply if selection criteria is met. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Dorothy E. and DuWayne Hansen Music Alumni Scholarship. Established in 1987 by Dr. DuWayne and Mrs. Dorothy E. Hansen in honor of all music department alumni, this award is paid each fall to one or more music majors who have demonstrated outstanding performance and musical ability through a Department of Music audition. Apply to the department.

Ruby M. Harris Scholarship. Established in memory of Dr. Ruby M. Harris, former professor of geography, this award is presented annually to a senior of outstanding character and scholastic achievement in the field of Geology, Geography or Earth Science.

Dorothy M. Hart Memorial Scholarship. Established in 1997 by Dorothy Hart, this scholarship is awarded to a full-time sophomore, junior, or senior majoring in Physical Education with an overall GPA

of 3.0 The recipient must be active in departmental activities such as Physical Education Majors Club, Delta Psi Kappa, Recreational Sports in a leadership capacity, etc. He/she must be of good character, possess strong moral values, and who would see, to bring credit to Eastern Illinois University and the Physical Education profession. If a transfer student, the recipient must have attended at least one semester at Eastern Illinois University in order to establish eligibility according to the criteria set up. Apply to the Department of Physical Education.

Jack K. And Marge Hatfield Scholarship. Established in 1997 by Jack K. and Marge Hatfield, this award is given to a graduate of Unity High School in Tolono. If no suitable incoming freshman can be found, the recipient may be a student currently attending Eastern. Preference will be given to incoming freshmen interested in Business. If all other factors are equal, preference will be given to a student with financial need. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Betty J. Hawkins English Scholarship. Established in 1995 by the family of Betty J. Hawkins in her memory, this scholarship is presented to a full-time sophomore or junior English major with demonstrated strong writing skills and an overall GPA of at least 3.2. Recipient must show strong character, potential for leadership, and financial need. Apply to the English Department Scholarship Committee.

Dr. and Mrs. Jerry Heath Sports Medicine Scholarship. Established in 1988 by Dr. and Mrs. Heath to benefit students of sports medicine, this award is made annually to a sophomore or junior varsity athlete. The recipient shall have shown interest in and an aptitude for the field of sports medicine. The awardee's field of study is preferably to be in pre-medicine.

Bryan and Adra Heise Elementary Education Scholarship. Established in 1998 by Barbara Heise Clark, in memory of her parents, this scholarship is awarded to a full-time student majoring in Early childhood, Elementary, or Middle level Education. Financial need is a consideration. Preference will be given to students from Decatur schools. Apply to the Chair of the Early Childhood, Elementary, and Middle Level Education.

Hobart F. Heller Scholarship. Established in honor of Dr. Hobart F. Heller, Vice President for Instruction and a member of the Eastern faculty for 36 years, this award goes annually to a student who, by reason of scholarship, responsible character, sense of purpose, growth, and service to the University community during his/her first three years, gives promise of a life of distinguished service and leadership. Selection of the recipient is made by a committee chaired by the Vice President for Student Affairs.

Glen Hesler Memorial Award. Established by Mildred Hesler, this award is presented to a graduate of Mattoon High School who has participated in Athletics and plans to participate in Athletics at EIU. The recipient must provide a letter of recommendation from a MHS teacher or guidance counselor. Apply to the Director of Athletics.

Thomas A. and Gail M. Higgins. Established in 1991 by Dr. James and Mrs. Gail Higgins, this award goes to a junior who is a graduate of Charleston High School and is now majoring in Elementary Education or Junior High School Education. The recipient must demonstrate an above-average academic record. Apply to the Chair, Early Childhood, Elementary and Middle Level Education.

Historical Administration Program Association Scholarship. Established in 1992 by members of the Eastern Illinois University Historical Administration Program Association, this scholarship is awarded to an individual with a bachelor's degree from an accredited institution who has been admitted into the Historical Administration Program at Eastern Illinois University. Apply to the Coordinator of the Historical Administration Program.

Rudolph G. and Kathryn E. Hlavek Scholarship. Established in 1999 by Rudolph G. and Kathryn Hlavek, this award is given to business students who come from low-income families or are

otherwise underprivileged. Recipients may reapply if selection criteria is met. Apply to the Lumpkin College of Business and Applied Sciences.

Bertha G. Hoedebecke Scholarship. Established in 1991 in memory of George A. Gewe, this scholarship benefits a high school senior who will be an incoming freshman, or a freshman, sophomore, junior, or senior Elementary Education major from Montgomery County. The recipient must have maintained a high school GPA of 3.0. A senior from Hillsboro High School will be given preference to other high schools in the county. Apply to the Regional Superintendent for Christian and Montgomery counties.

The Bert and Janet Holley Scholarship. Established in 1991 by the Holleys, this scholarship benefits transfer students from Illinois community colleges who have completed Associate of Arts or Associate of Science degrees prior to entering Eastern Illinois University as Pre-Business majors. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

C. A. Hollister Pre-Law Scholarship. Established in memory of the late Charles Hollister, this award is presented annually to a junior or senior pre-legal studies student who has demonstrated excellence in his or her undergraduate career, is an active member of Sigma Iota Lambda pre-legal fraternity, and has taken certain required courses. Apply to the Chair, Pre-Legal Studies Committee.

The Jon J. Hopkins Memorial Speech Education Scholarship. Established in 1987 in recognition of the lifetime commitment to education and years of dedicated service to Eastern Illinois University by the late Jon J. Hopkins, professor of speech, this award is given annually to either an undergraduate or graduate student with outstanding scholarship in the fields of Rhetoric, Public Address or Speech Education. Apply to the Chair, Speech Communication.

The Stephan M. Horak Memorial Scholarship. Established in 1987 in memory of Dr. Stephan M. Horak, a former professor of Eastern European history, this award is granted to upper division history students whose concentration includes credits in European History and Russian or East European History. Apply to the department.

Eileen F. Hubbard Scholarship. Established in 1987 by Robert L. Hubbard and Mary Louise Hubbard, this award is presented to upper division undergraduate Family and Consumer Sciences majors (with preference given to students enrolled in Consumer Science Education or Merchandising) who have demonstrated service, professional involvement, scholarship, and leadership. The recipient must have a minimum GPA of 3.0. Apply to the School of Family and Consumer Sciences.

Debbie Kroening Hudgins Memorial Scholarship. Established in 2000 by friends and family of Debbie, this award is given to a full-time student with an overall GPA of 2.0. The recipient must be an EIU Swim Team member who displays some of the qualities that Debbie Kroening Hudgins exhibited, i.e., being a team leader, leading by example, putting the team first, displaying enthusiasm for the sport, etc. Apply to the Swim Team Coach.

Glen E. Hubele Scholarship. Established in memory of Dr. Glen E. Hubele, distinguished professor of education at Eastern, this award goes annually to a graduate student enrolled in a counseling or guidance program. Apply to the Department of Counseling and Student Development.

Hunt Environmental Biology Award. Established by Dr. Lawrence B. and Shirley F. Hunt, this award is presented annually to a full-time junior or senior of outstanding character who is majoring in Biological Sciences with an Environmental Biology option and has a genuine commitment to the field. The recipient must demonstrate high scholastic achievement and maintain a cumulative GPA of 3.0. Apply to the Department of Biological Sciences.

The Nelle C. Hutchason Scholarship. Established by Mr. and Mrs. Harry T. Wright in honor of Nelle C. Hutchason, an Eastern alumnus

and a respected elementary teacher, this scholarship is presented annually to an undergraduate student enrolled in the field of elementary education who demonstrates the high spiritual values exemplified by Miss Hutchason and who is able to demonstrate financial need. Apply to the department.

Genelle Voigt Jackson English Scholarship. Established in 1997 by Mrs. Jessie Voigt Allhands in memory of her sister, Genelle Voigt Jackson, the award goes to a full-time English major with an overall high school GPA of 3.0. The recipient must need financial aid. Preference will be given to students from West Salem, Illinois, or communities close to West Salem, Illinois. Apply to the Chair, English Department.

Ronald and Myra Jeffris Scholarship. Established in 1990 by Ronald and Myra Jeffris, this award goes to a student successfully enrolled in the School of Business and demonstrating academic excellence. Financial need is a consideration. Apply to the Lumpkin College of Business and Applied Sciences.

Bette L. Johnson Scholarship. Established in memory of Bette Lou Johnson, an Eastern alumnus, this scholarship is presented each year to a graduate of Charleston High School who has been accepted for admission to Eastern Illinois University. Preference will be given to English or social studies majors. Apply to the Media Specialist, Charleston High School.

Dorothe L. Johnson Memorial Scholarship. Established in memory of Dorothe Johnson, this scholarship is given to a student majoring in Recreation Administration with an overall GPA of 2.5. The recipient must have demonstrated an interest in camping such as involvement with the American Camping Association and/or camps. Apply to the Chair of Recreation Administration.

David L. and Audrey Jorns Business Education Scholarship. Established by David and Audrey Jorns, this award is given to a junior or senior Career and Technical Education major with a Business Education emphasis and an overall GPA of 3.3. The student must contribute at least half of the cost of his/her university education through his or her own employment. Apply to the Chair, School of Technology.

David L. and Audrey Jorns Directing Theory for the Theatre Scholarship. Established in 1994 by David L. and Audrey Jorns, this scholarship is awarded to an Eastern Illinois University junior or senior theatre major in good standing with an overall GPA of at least 3.0. The recipient should demonstrate interest in the theory and practice of directing for the theatre and in the innovative use of theatrical space. Apply to the Chair, Theatre Arts.

Kappa Mu Epsilon Calculus Award. This is an annual award given to a Mathematics major with high achievement on a competitive math examination. Apply to the Department of Mathematics.

The Karraker Scholarship. Established in 1995 by Dr. and Mrs. Robert H. Karraker, this scholarship goes to a full-time freshman majoring in Chemistry. The recipient must have demonstrated exceptional promise for distinction in the field of Chemistry. Apply to the Chair, Chemistry Department.

J. Y. Kelly Scholarship. Established in 1997 by Emma Chenault Kelly and Alice Elizabeth Kelly Tolle in memory of their father, J. Y. Kelly, this award goes to a Pre-Legal Studies major with outstanding scholarship and leadership. Apply to the Pre-Legal Studies Committee.

Stephen Wayne Kennard Memorial Scholarship. Established in 1992 by Marlys K. Fallen, this award is intended for a student teaching in the area of Special Education. The recipient must demonstrate financial need and must have achieved a B average. Apply to the Department of Special Education.

Jesusa Valdez Kinderman Scholarship. Established in 1992 by Dr. Albert Kinderman, this award is intended for an undergraduate student majoring in Physics who has the potential to successfully

complete the degree program. Preference shall be given to a minority or a female student, but not to the exclusion of the other criteria listed. Apply to the Department of Physics.

Bobbie King Memorial Scholarship. Established in 1966 by Mr. and Mrs. Karl King of Charleston, Illinois, in memory of their daughter, this award is presented annually to a junior or senior demonstrating outstanding achievement in the study of Foreign Languages. Apply to the department.

Martin Luther King, Jr., Scholarship. Established by the Eastern Illinois Chapter of the American Association of University Professors in memory of Dr. Martin Luther King, Jr., this award goes annually to one or more Eastern students who are "living examples of the ideals and values expressed by Martin Luther King, Jr." Apply to the Vice President for Academic Affairs Office.

Lucille M. Klehm Technology Education Award. Established in honor of Lucille M. Klehm, wife of Dr. Walter A. Klehm, this award is presented annually to a declared major in Technology Education who is enrolled in a program qualifying the candidate to teach in Illinois public schools upon graduation from Eastern Illinois University and who intends to pursue a career in Technology Education. Apply to the School of Technology.

Walter A. Klehm Industrial Technology Award. Established in honor of Dr. Walter A. Klehm, a member of the Eastern faculty from 1938 until his retirement in 1970 and first Dean of the School of Industrial Arts and Technology, this award is presented annually to an Industrial Technology major who is enrolled in a program qualifying the candidate to teach in Illinois public schools upon graduation from Eastern and who intends to pursue a career in Industrial Technology. Apply to the department.

Judd William Kline Memorial Scholarship. Established in 1993 by James Kline, this award is intended for the graduating senior from Charleston High School who has the highest GPA of considered applicants. Apply to the Principal of Charleston High School.

Kenneth and Keith Kohanzo Industrial Technology Scholarship. Established in 1998 by Kenneth Kohanzo, this scholarship goes to a full-time junior, senior, or graduate student majoring in Industrial Technology. The recipient must be in good academic standing who shows promise of making a contribution in the field of Industrial Technology. Apply to Chair of the School of Technology.

Eugene B. Krehbiel Scholarship. Established in memory of Dr. Eugene B. Krehbiel, professor of Zoology at Eastern, this scholarship is presented annually to juniors enrolled in either the Pre-Medical Studies Program or Biological Studies with an Animal Sciences concentration who intend to pursue graduate level studies. Apply to the Department of Biological Sciences.

Lambda Chi Alpha Fraternity Founders Scholarship. This scholarship was established in 1987 by the alumni and active chapter of Lambda Chi Alpha to reward exceptional educational pursuit of an Eastern student who is an active member of Phi Alpha Zeta or Lambda Chi Alpha Fraternity and has at least one year of academic schooling at Eastern Illinois University prior to completion of a degree. Apply to Vice President for Student Affairs.

Charles P. and Mary E. Lantz Scholarship. Established in memory of Dr. Charles P. Lantz, Director of Athletics at Eastern from 1911 to 1952, and Mary E. Lantz, this award is made annually to one or more persons who will be seniors the following year, who have demonstrated outstanding athletic achievement, who have shown evidence of leadership qualities, and who have demonstrated above-average scholastic ability. Apply to Dean, Enrollment Management.

Dr. and Mrs. Richard H. Larson Athletic Training Scholarship. Established in 1998 by Dr. and Mrs. Richard Larson, this award is given to a full-time junior or senior majoring in Physical Education with the Athletic Training option. The recipient must have completed three semesters in the Athletic Training program or its successor

program. Financial need is not a consideration. Apply to the Chair of Physical Education Department.

Lottie Leach Leeds Scholarship. Established in 1987 by respected educator Lottie L. Leeds, the award is designated for a junior with outstanding character and conduct who intends, because of love of teaching, to teach in the primary grades up to and including the fourth grade level. Apply to the department of Early Childhood, Elementary and Middle Level Education.

Glenn Q. Lefler Physics Scholarship. This award was established to provide annually a scholarship for a junior or senior Physics major of outstanding character who has at least a 3.00 average in physics. Apply to the Chair, Department of Physics.

Livingston C. Lord Memorial Scholarship. Established by the Alumni Association in memory of Livingston C. Lord, who served as President of Eastern Illinois University, 1899-1933, this is the University's highest award for scholarship. These scholarships are awarded annually at commencement to five junior or senior students. These awards are presented to students enrolled in teacher preparation curricula. Each Lord Scholar receives a stipend and a medallion. Students are nominated by faculty and staff members each year.

Margaret and Walter Lowell Voluntary Service Scholarship. Established in 1994 by the Lowell family in honor of Margaret and Walter Lowell, this scholarship is presented to a sophomore, junior or senior with at least one semester of residence at Eastern and who is currently enrolled at Eastern Illinois University. The recipient must have offered substantial volunteer service in the local community(ies). Apply to the Dean, College of Education and Professional Studies, and/or Dean, College of Science.

John Luther Business Scholarship. Established in 1992 by John Luther, this award is intended for a new student (freshman or transfer) accepted into the Lumpkin College of Business and Applied Sciences and maintaining a declared major in business. The recipient must maintain an overall GPA of 3.0 or higher, and must have demonstrated high achievement in previous educational environments. Apply to the Lumpkin College of Business and Applied Sciences.

Robert Thomas and Virginia Gwin Lynch Scholarship. Established in 2000 by the family of Robert Thomas and Virginia Gwin Lynch, this scholarship is given to a full or part-time student, over the age of 50, returning to school to complete an undergraduate degree program. Applicants must submit a written statement explaining how the award would be used and what their goals are. Apply to the School of Adult and Continuing Education.

The Curtis D. MacDougall Newspaper Scholarship. Established in 1987 as a memorial to the late Curtis D. MacDougall, this scholarship is awarded to a full-time Eastern sophomore who has declared intent to complete the journalism education program at the University, to pursue a career in newspaper journalism, and has demonstrated such through significant participation at the student newspaper. For application, write to the Journalism Scholarship Committee.

The Magic Million Athletic Scholarship. Established by the Panther Club, this award goes to recipients with a demonstrated need for fifth year assistance. Recipients must be eligible for intercollegiate athletic play. Financial need is a consideration. Apply to the Director of Athletics.

John N. Maharg Vocal Music Scholarship. Established in honor of Dr. John N. Maharg, Professor Emeritus of Music, this scholarship is presented annually to an incoming freshman or transfer student eligible for admission to the University who has demonstrated vocal or musical ability through audition. Recipient must be a music major or participate in a musical organization. Apply to the Chair, Department of Music.

Carol A. Manhart Scholarship. Established by friends and family of Carol Manhart, this scholarship is given to a Speech Communication major with a strong academic record. Preference will be given to graduates of Stewardson-Strasburg High School. Financial need is a consideration. Apply to the Chair, Department of Speech Communication.

Charles Gifford Manion Memorial Scholarship. Established in 1997 by the Robert and Sally Manion family, this award is presented to a full-time student, majoring in Business. The recipient must have an overall GPA of 2.75 and must display a need for financial aid. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Mathematics Alumni Scholarship. Established in 1990 for an incoming Mathematics major, this scholarship will be awarded to a U.S. citizen with past and potential outstanding achievement, consideration given to financial need. Apply to the department.

Florence McAfee Scholarship. Established by faculty and alumnae in memory of Dr. Florence McAfee, Head of the Department of Physical Education for Women from 1924 to 1962, this award goes annually to a sophomore or junior female Physical Education major who demonstrates the qualities of scholarship, leadership, and professional excellence as exemplified by Dr. McAfee. Apply to the Department of Physical Education.

Frances W. McColl Scholarship. Established in 1997 by Dr. Emma Chenault Kelly in honor of Frances W. McColl, this award goes to a full-time junior with outstanding scholarship and leadership. The award is given in alternate years to an English major in Teacher Education and to a Journalism major in Public Relations or Magazines. Apply to the Chair of the English Department and to the Chair of the Journalism Department.

Glenn A. McConkey Scholarship. Established in honor of Glenn A. McConkey, professor of economics, this scholarship is presented annually to an outstanding junior or senior majoring in Economics. Apply to the department.

Terry McCullough Memorial Community Press Scholarship. Established in 1988 by Paul E. Black in memory of Terry McCullough, former editor of the Mattoon Journal Gazette, this scholarship is awarded to an Eastern journalism student who has completed 60 to 89 semester hours at the time of application, who has earned at least a 2.7 GPA, and who has demonstrated a commitment to enter a career at a community newspaper. For application, write to the Journalism Scholarship Committee.

Walter H. and Dorothea V. McDonald Award. This award was established by Walter H. McDonald to provide an annual award for one or more outstanding juniors in the Earth Science Program who demonstrate potential success as either a teacher or a graduate student. Apply to the department.

Ralph Y. McGinnis Scholarship. Established in 1992 by the Lions Club, family, friends, colleagues, and students of Ralph Y. McGinnis, this award goes to an undergraduate or graduate student majoring in Speech Communication. Community service work is also a consideration. Apply to the department.

W.P. McGown Award. Established by W. P. McGown, Boyd Spencer, and friends, this award is presented to a full-time junior or senior majoring in Psychology who has demonstrated a capacity for excellence in the quantitative and experimental areas in Psychology. Students should have completed PSY 2610 and 3805/3810, or their successor courses with a grade of "A." Apply to the Department of Psychology.

McKenna Secondary Education Scholarship. In honor of Professor F. Raymond McKenna, who taught history of education and philosophy of education from 1953-77, this scholarship is given to a junior or senior majoring in English or history and secondary education who has a CGPA of at least 3.1, has attended only Eastern Illinois University, and is interested in research, in teaching

or in the major field. Qualifying students will be invited by the Department of Secondary Education and Foundations to apply during the spring semester.

Isabel McKinney Undergraduate Scholarship. Established in memory of Dr. Isabel McKinney, Head of Eastern's Department of English from 1922 to 1945, this award goes annually to declared English majors in their second semester of University enrollment. It is renewable for junior and senior years if GPA is maintained at 3.2. Apply to the Department of English.

Sean McKinney Memorial Scholarship. Established in 1992 by Pamela Parker-McKinney, this award goes to a student having attended two semesters or less at Eastern, maintaining a minimum GPA of 2.25, and demonstrating leadership ability and active participation in residence hall programs. Apply to Student Housing.

Hal Middlesworth Student Publications Alumni Scholarship. Established for the purpose of honoring student journalists, this scholarship is awarded to an Eastern Journalism student who has been an active and productive member of the student publications staff for at least four semesters at the time of application. For application, write to the Journalism Scholarship Committee.

Louise C. Miller Music Scholarship. Established through the Department of Music in honor of the late Miss Louise C. Miller, a singing teacher for many years in the Chicago public school system, this award goes annually to a deserving student of Music. Apply to the department.

Carolyn Kluesner Modglin Memorial Scholarship. This scholarship is presented to a graduate student studying Dietetics or, if none are qualified, Food and Nutrition, and who has a 3.5 GPA. The recipient must be of high moral standing. Financial need is a consideration. Candidates with no other scholarships will get first consideration. Apply to Chair, Family and Consumer Sciences.

Raymond L. Modesitt Mathematics Scholarship. A scholarship established by the wife and daughter of Mr. Modesitt, a member of the Eastern mathematics faculty from 1912 to 1927, this award goes annually to a junior or senior Mathematics major who has the specific intent to teach mathematics. Apply to the department.

The Bruce Allen White Montgomery Memorial Scholarship for Graphics/Journalism. Established in 1991, this scholarship is awarded to a member of the student newspaper staff who is of "outstanding character (and) whose action and conduct reflect credit upon Eastern Illinois University," who is in good academic standing, who had completed at least 30 to 90 semester hours of study, and who demonstrates talent as a graphic artist. For application, write to the Journalism Scholarship Committee.

John Thompson Moore Scholarship. Established in 1994 by Lucile M. Moore, this scholarship is presented to a full-time Eastern business major (preference given to marketing majors) with at least junior standing and a minimum 2.5 GPA. Financial need will be given preference over academic standing. Consideration will be given to extra-curricular activities. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Mary K. Moore Early Childhood Education Scholarship. Established in 1990 by Chalmer Moore in memory of his late wife, this award goes to a student majoring in Elementary Education with an Early Childhood Education option. The recipient must demonstrate outstanding personal character and academic standing. Apply to the Department of Early Childhood, Elementary, and Middle Level Education.

The Neil and Shirley Moore Men's Track Scholarship. Established in 1996 by Neil and Shirley Moore, this scholarship goes to a male, full-time student with at least sophomore standing who is in good academic standing. The recipient must have completed one academic year or two academic terms at Eastern Illinois University. Apply to the Men's Track Coach.

Ahmad Murad Scholarship. Preference for this award, which was established in 1991 by the family of Dr. Ahmad Murad, goes to a person of Palestinian heritage. If no applicant meets this criteria, the selection shall be made at the discretion of the committee. Apply to the Department of Economics.

Louise Murray Award for Children's Literature. Established in memory of Dr. Louise Murray, professor of English at Eastern, by Charles Murray, this scholarship goes annually to a student majoring in English, Middle Level Education, Elementary Education and/or minoring in Creative Writing who submits the best portfolio of original writings for children. Apply to Chairperson, Department of English.

Winnie Davis Neely Memorial Award. Established by Sigma Tau Delta, national professional English fraternity, in memory of Winnie Davis Neely, a member of the English Department, 1934-1952, the award is made annually to the University student who submits the best manuscript in the literary contest sponsored by the student literary publication and Sigma Tau Delta. Apply to the Department of English.

Ona Norton Scholarship. Established in 1987 by the Concerned Citizens of Charleston to encourage, assist, and recognize African-American students at Eastern Illinois University, this award is presented to a full-time African-American Eastern student who is eligible for graduation, has a 3.25 or higher CGPA, and who has rendered significant service to the University and/or Charleston communities. Apply to the Minority Affairs Office.

Judge and Usha Oberoi Scholarship. Established by Sundeep Oberoi, this award is given to a full-time student, accepted to the EIU School of Business, with special emphasis given to Computer Information Systems majors and students enrolled in the MBA Program. The recipient must have an overall GPA of 3.0. Financial need may be a consideration, but not a requirement. Apply to the Chair, School of Business.

Estelle Ruth O'Brien Memorial Mathematics Scholarship. Established in 1967 by Dr. Maynard O'Brien and his son in memory of Estelle Ruth O'Brien, this award goes annually to a Mathematics major enrolled at Eastern or to a high school graduate who has expressed in writing an intent to enroll as a Mathematics major at Eastern. Apply to the department.

Sue Nichols O'Brien Scholarship. Established by Ms. O'Brien and the EIU Athletics Department, this award is given to a full-time student with a minimum GPA of 3.0. The student shall be a student athletic trainer, a member of the Pom Pon Squad, or a Physical Education major who displays a tenacious work ethic and leadership qualities. The applicant must intend to pursue a career in teaching dance or physical education, coaching athletics, or athletic training. Apply to the Director of Athletics.

The Maynard "Pat" O'Brien Scholarship. Established in 1991, this scholarship benefits sophomore, junior, or senior male and female track and field students, with preference given to participants in field events and to those intending to pursue an athletic coaching career. Apply to the Department of Physical Education.

J.W. and Marilyn Oglesby Scholarship. Established in 1990 by J.W. and Marilyn Oglesby, this award goes to a junior admitted to the School of Business who carries a minimum GPA of 3.5. Recipient may continue to receive the award as long as the selection criteria is met. Apply to Lumpkin College of Business and Applied Sciences.

Old Main Memorial Scholarship and Award. The award was established in 1988. The selection committee determines recipients on basis of the areas of need. The amount of the assistance is determined in each individual case. Apply to the Office of the President.

Hans C. Olsen Scholarship. Established in 1974 in memory of Dr. Hans C. Olsen, a member of the Eastern faculty from 1938 to 1960, this award is given annually to a full-time graduate student who

demonstrates outstanding potential for educational leadership. Apply to the College of Education and Professional Studies.

Parents Club Scholarship. This award was established to provide annual scholarship(s) for full-time undergraduate Eastern students in good academic standing with 12 credit hours earned at Eastern. Application forms available each January 15 in the Office of Student Activities.

Jack L. Payan Scholarship. Established in 1994 by Jack L. Payan, this scholarship is presented to a community college transfer student enrolling at Eastern Illinois University as a Speech Communication major. Preference will be given to students transferring from Moraine Valley Community College in Palos Heights, Illinois, or South Suburban Community College of South Holland, Illinois. Apply to Chair, Speech Communication Department.

J. Robert Pence Memorial Scholarship. Established in 1993 by Mrs. J. Robert Pence, this award benefits a student who has junior or senior standing and is enrolled in the Department of Music. The recipient must have earned all college credit at Eastern Illinois University, and must display outstanding personal character and scholarship. The recipient must also demonstrate promise of success in the teaching profession. Apply to the Department of Music.

Alice Groff Pennybacker Secondary Education Scholarship. Established by Alice Groff Pennybacker, this award is presented to a student seeking certification in Secondary Education with an overall GPA of 2.5 or better. Preference shall be given to students who graduated from high schools in Lawrence County and who plan on becoming a teacher. Apply to the Dean, College of Education and Professional Studies.

Minnie Alice Phillips Scholarship. Established in 1988 by Minnie Alice Phillips, M.D., distinguished Alumnus Award recipient, this award is granted annually to a junior Elementary Education major planning to teach in the primary grades (kindergarten through fourth grades). Apply to the Dean, College of Education and Professional Studies.

Harris E. Phipps Chemistry Scholarship. Established in honor of Dr. Harris E. Phipps, former professor of chemistry at Eastern, this annual award goes to a junior majoring in Chemistry who gives promise of distinguished service in the field of chemistry. Apply to the department.

Physical Education Club Scholarship. Established in 1992 by members of the Physical Education Club at Eastern Illinois University, this scholarship is given to a student demonstrating outstanding service/involvement with the Physical Education Club and outstanding scholastic achievement and character. Apply to the Department of Physical Education.

George Preisser Memorial Scholarship. Established in 1994 by John Smith, President of CRST International, Inc., in honor of George Preisser, the scholarship is given to a student majoring in Accountancy. Financial need is a consideration. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

President/Phi Alpha Eta Scholarship. Established in 1990 by the Phi Alpha Eta Greek Women's Honorary Society, this award shall go to a member of Phi Alpha Eta Greek Women's Honorary Society who demonstrates financial need, a GPA of 3.5 or better, and involvement in the broader campus community.

President's Award. Established in 1973, this award goes annually to one or more freshman students who rank near the top of their class after one year of college work. Only students who have done all of their college work at Eastern are eligible for consideration.

The John E. and Mary J. Price Scholarship. Established in 1993 by Margaret J. Weber and Gary E. Price, this scholarship goes to a sophomore, junior, or senior majoring in Speech Communication or Family and Consumer Sciences with a GPA of 3.0 or higher.

Recipients must be Illinois residents. Financial need is a consideration. This award alternates between Speech Communication and Family and Consumer Sciences each year. Apply to the Chair, Speech Communication or the Chair, Family and Consumer Sciences.

Hugh C. Rawls Award. Established in 1994 by Shirley Rawls in honor of Hugh C. Rawls, her husband, this award is given to a full-time student with at least junior standing who is majoring in a Biological Sciences/Pre-Medical Studies program or Biological Sciences/Animal Systems. The recipient must have a minimum 3.0 GPA. Consideration will be given to participation in community or University activities. Apply to the Chair, Biological Sciences.

Cyril D. Reed Mathematics Scholarship. Established by Cyril D. Reed, this award is presented annually to a graduate or undergraduate Mathematics major or a high school graduate who has expressed in writing an intent to enroll as a Mathematics major at Eastern. Apply to the department.

John David Reed News-Editorial Journalism Scholarship. Established in 1993 by Mike and Melanie Cowling, this award is intended for a freshman or transfer student majoring in Journalism. The recipient must have demonstrated intent to pursue a career in news-editorial journalism through significant participation in high school, college and/or other news media. The recipient must describe in an essay of about 500 words his/her interest in participating in student or other news media while at Eastern Illinois University in order to enhance his/her preparation for a career in news-editorial journalism. For an application, write to the Journalism Scholarship Committee.

Emma Reinhardt/Kappa Delta Pi Award. Established in 1962 by members of Beta Psi Chapter of Kappa Delta Pi in recognition of the contribution of service, guidance, and leadership of the late Dr. Emma Reinhardt, counselor to the chapter for 31 years, this award is made annually to the highest ranking junior who has earned a minimum of 30 semester hours at Eastern Illinois University and who is pursuing the degree Bachelor of Science in Education. Apply to the Department of Early Childhood, Elementary, and Middle Level Education.

Rachael Richardson Scholarship. Established in 1991 by the estate of Rachael Richardson, this award is presented to a student enrolled in the Honors Programs. Apply to the Honors Programs.

Helen Riley Scholarship. Established in memory of Helen Riley, former Associate Director of Athletics, this award is presented annually to an Eastern female student of integrity with outstanding academic achievement with a record of participation in the intercollegiate or intramural athletic programs. Apply to the Department of Athletics.

Lawrence A. Ringenberg Scholarship. Established in 1987 in honor of Dr. Lawrence Ringenberg, mathematician and Dean Emeritus of the College of Sciences, this award pays tuition or tuition and fees to an incoming freshman enrolled as a Mathematics major. The recipient may receive the award for up to four years upon continuing eligibility. Apply to the Department of Mathematics.

William G. Riordan Scholarship. Established in honor of William G. Riordan, Director of Intramurals from 1964 to 1976, this award is presented to a senior majoring in Recreation Administration who displays outstanding leadership, scholarship and the potential to make a contribution to the field of recreation and leisure. Apply to the Department of Leisure Studies.

Roberson Business Scholarship. Established by Roger Roberson, this scholarship is given to a full-time student studying Business who displays a need for financial aid. The recipient must display the potential for leadership and promise, have good moral values, be active in the Christian religion of his/her choice, and be a resident of the State of Illinois. Special consideration should be given to student athlete applicants. Apply to the Chair, School of Business.

Jim, Tom, and Robin Roberts Scholarship. Established in 1997 by James H. Roberts, this scholarship is presented to a full-time student who is interested in a news photography career and is in good academic standing. The recipient must be a sophomore or junior at the time of the selection in the spring and must enter the next academic year as a full-time junior or senior student. The recipient must have demonstrated outstanding ability to be creative "assignment" shots as well as to produce creative "enterprise" news or feature photos for The Daily Eastern News or The Warbler, or their successors. Apply to the Chair, Journalism Department.

Jerry Rooke Accountancy Scholarship. Established in 1990, this award goes to accountancy majors who have earned between 60 and 90 semester hours at Eastern Illinois University and who have been admitted to the Lumpkin College of Business and Applied Sciences. The recipient must be a full-time student in both the award announcement semester and the monetary award semester. Academic achievement is the primary consideration; student must have a cumulative GPA of 3.0 or higher, and a GPA of 3.5 in Accounting 2150 and Accounting 3030 combined. At no time is financial aid to be considered. Apply to the department.

J. Glenn Ross Scholarship. (formerly the Ralph W. Widener, Jr. Scholarship). Established by Mrs. Ralph W. Widener, Sr., the scholarship honors Dr. J. Glenn Ross, who served as chair of the Department of Speech from 1937 through 1961. This award is presented annually to an outstanding undergraduate student majoring in speech communication. Apply to the department.

Donald A. and Marie Rothschild Award. Established in memory of Dr. Donald A. Rothschild, a member of the Eastern faculty from 1934-1967 and Head of the Department of Psychology, this annual award is given to a Psychology major who is a junior and who demonstrates the potential for making a significant contribution to psychology. Apply to the department.

Al and Vesta Rundle Scholarship. Established by friends and family of Al Rundle, this award is given to a full-time Art major, Music major, Speech Communication major, Theatre Arts major, or an international student. The recipient must have an overall GPA of 3.5. Financial need is a consideration but not a requirement. Apply to the Dean, College of Arts and Humanities.

Paul Turner Sargent Scholarship Award. Established by the family and friends of Paul Turner Sargent, nationally known artist and 1906 Eastern graduate, this award is made to an Art major or minor who has completed the second semester of the sophomore year. The recipient must demonstrate outstanding aptitude in art and a sincere interest in art education. Apply to the department.

James A. Saunders Scholarship. Established in 1990, this award was created to recognize students who serve as role models in the journalism profession and related fields. The award is given to a full-time Eastern minority Journalism major in good academic standing with 30 to 89 semester hours who intends to complete the Journalism major at Eastern Illinois University. For an application, write to the Journalism Scholarship Committee.

Martin O. Schahrer Scholarship. Established in memory of Martin O. Schahrer, an Eastern student who died for his country in World War I, this award goes in alternate years to an outstanding junior or senior in Chemistry or Biological Sciences/Botanical Sciences. Apply to the Chair, Biological Sciences or Chemistry.

Wolfgang and Barbara Schlauch European History Scholarship. Established in 1998 by Wolfgang and Barbara Schlauch, this scholarship is awarded to a full-time senior or graduate student majoring in history with a concentration in Modern Europe. The recipient must demonstrate outstanding scholarly achievements with focus on historical writing and have overall GPA of 3.25. Apply to Chair of the History Department.

Ruth and Ansel Schmalhausen Scholarship. Established in 1987 honoring the late Ruth Schmalhausen, who taught Home Economics at Eastern Illinois University for 25 years, and her brother Ansel, this

award is presented annually to a member of the congregation of the First Christian Church (Disciples of Christ) of Charleston or Robinson, Illinois.

Teachers College/Eastern State High School Alumni Scholarship. Established in 1995 by Teachers College/Eastern State High School alumni, this scholarship is presented to an individual who has a minimum 4.0 GPA on a 5.0 scale upon completion of 3 ½ years of high school. The recipient must demonstrate integrity as evidenced by three letters of recommendation from community leaders. The recipient must demonstrate enthusiastic and outstanding leadership as evidenced by involvement in organizations whose purpose is to foster consideration and service. The recipient must be a relative of a Teachers College/Eastern State High School alum. Apply to the Teachers College/Eastern State High School Reunion Committee, care of the Alumni Office.

School of Technology Alumni Scholarship. Established in 1987, the award is presented to a senior or graduate student of Eastern Illinois University with a major in the School of Technology, who plans to enroll in the graduate program in Technology. Applicants must have a minimum CGPA of 2.75, and intend to enroll in at least 6 semester hours of graduate course work applicable to a degree program in the School of Technology. Apply to the School of Technology.

Eric Schuster Scholarship. Established in 1991 by the Champaign-Urbana News Gazette, this award goes to an incoming student or transfer student majoring in journalism who intends to pursue a newspaper journalism career. Preference will be given to minority candidates. The recipient must demonstrate financial need and be in good academic standing. For application, write to Journalism Scholarship Committee.

Walter Merritt Scruggs Scholarship. Established in memory of Dr. Walter M. Scruggs, former Head of the Department of Zoology and the first Director of the Division of Life Sciences at Eastern, the award goes annually to an outstanding junior in Biological Sciences who has demonstrated a definite interest in research or teaching. Apply to the Department of Biological Sciences.

The John F. Sellers Memorial Music Scholarship. Established in 1991 by Mrs. John F. Sellers, this scholarship benefits Music majors with financial need, with preference given to those interested in either teaching or engaging in the performance of classical music. Apply to the department.

Carl Sexton Memorial Scholarship. Established in 1986, this award is presented to a full-time Health Studies major who is qualified for student teaching. Recipients receive the award in subsequent years. Apply to the College of Education and Professional Studies.

Charles C. Shaw Scholarship. Established in 1992 by Mrs. Charles Shaw, this award goes to a graduating senior of good character and academic standing from Paxton High School or Mattoon High School. Preference will be given to an athlete who will be attending Eastern Illinois University. Apply to the superintendent of Paxton or Mattoon schools.

Donald L. and Clara Alice Seaman Shawver Scholarship. Established in 1989, this award will be given to Business students who reside within the Central Illinois region and who demonstrate financial need and scholastic ability. This award may be renewed to the recipient on an annual basis for up to four years as long as the selection criteria is met. Apply to the Lumpkin College of Business and Applied Sciences.

Edward O. Sherman Memorial Chemistry Scholarship. Established in 1987 in memory of Edward O. Sherman, chemistry professor from 1977 until his death in 1986, the award is paid annually to a sophomore Chemistry major who gives promise of distinguished service in the field of chemistry. Apply to the Department of Chemistry.

Sigma Alpha Iota Music Scholarship. Established in 1987 by Sigma Alpha Iota, Charleston Alumnae and Patroness Chapter, this award is presented to Eastern student(s) who have demonstrated outstanding performance and musical ability through a Department of Music audition. Apply to the Department of Music.

Mr. and Mrs. William Craig Simmons Scholarship. Established by members of the Simmons family, the award is made annually to a junior business major on the basis of outstanding personal character, scholastic achievement, and interest in the fields of Business and Business Education. Apply to the Lumpkin College of Business and Applied Sciences.

Harry and Beulah Sockler Football Scholarship. Established in 1990, this award goes to a football player from the East Central Illinois area. Apply to the Department of Athletics.

The C. Roger Sorensen Business Scholarship. Preference for this award, which was established in 1991 by C. Roger Sorensen, goes to Mattoon High School students who have been admitted to the Lumpkin College of Business and Applied Sciences. Apply to the College.

The C. Roger Sorensen Golf Scholarship. Established in 1994 by C. Roger Sorensen, this scholarship is to benefit a deserving golf player currently participating in golf at EIU or in support of an incoming freshman whose high school career shows potential to help Eastern's golf team. The recipient must have a minimum GPA of 2.5. Apply to the Director of Athletics.

The C. Roger Sorensen Tennis Scholarship. Established in 1991, this scholarship benefits a deserving tennis player currently participating in tennis at EIU or in support of an incoming freshman whose high school career shows potential to help Eastern's tennis team. The recipient must have a minimum GPA of 2.5. Apply to the Director of Athletics.

The Bill Spaniol Memorial Scholarship. Established in 1996 in memory of Bill Spaniol by Nims Associates, Inc. and the family and friends of Bill Spaniol, this scholarship goes to a full-time student majoring in Computer Information Systems, accepted to Eastern Illinois University's Lumpkin College of Business and Applied Sciences. The recipient must be a junior or senior with an overall GPA of 3.5. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Irvin L. Sparks Memorial Scholarship. Established in 1966 in honor of Professor Irvin L. Sparks, who was a member of the Physics Department from 1951-65, the award is granted annually to an incoming freshman or sophomore Physics major on the basis of scholarship, recommendations from his or her high school physics and mathematics teachers, and a written statement from the candidate. Apply to the Department of Physics.

Carol Specht Memorial Scholarship. Established in 1987 in honor of the late Carol Specht to encourage and assist single-parent female students who have at least one child residing with them and who desire to attend college, the award is presented to a student in a field leading to a career in a helping profession such as counseling, teaching, or social work. Apply to the Director of Affirmative Action.

Kate Booker Stapp Scholarship. Available to female students in teaching curricula who are widows (or whose husbands are incapacitated) with at least one child under the age of eighteen. The fund was established in 1948 by Miss Helen Stapp in honor of her mother. Applications are made to the Director of Financial Aid.

Robert and Julie Sterling History Scholarship. Established by Robert and Julie Sterling, this award is presented to a junior or senior majoring in History with Teacher Certification. The recipient may be a full- or part-time student admitted to Teacher Education. Apply to the Department of History.

Ernest L. Stover Scholarship. Established in honor of Dr. Ernest L. Stover, former Chair of the Department of Botany, the award goes

annually to a junior or senior who is majoring in Biological Sciences with a Botanical Sciences concentration, has a GPA of at least 3.0, and shows promise in teaching or research. Apply to the Department of Biological Sciences.

Strategic Capital Management, Inc., Scholarship. Established in 1993 by various donors affiliated with Strategic Capital Management, Inc., this award is presented to an Eastern undergraduate student with at least junior standing and who is an exemplary participating member of the Student Investment Society. Apply to the Board of Directors, Student Investment Society.

Sullivan/Bethany Scholarship Fund in Memory of Rachael Richardson. Established in 1993 by David McLaughlin and friends of the late Rachael Richardson, this award is intended for a graduate of Sullivan or Bethany, Illinois, school systems who is successfully enrolled in the Honors Program. Apply to the Eastern Illinois University Honors Programs.

Gerald Sullivan Scholarship. Established by Barbara Sullivan in honor of Gerald Sullivan, her husband, this scholarship benefits a junior who is a Theatre Arts major, an Illinois resident, and a full-time student at Eastern Illinois University. Apply to the Dean, College of Arts and Humanities.

Robert N. and Barbara V. Sullivan Scholarship. Established in 1988 by the sons of Robert N. and Barbara V. Sullivan, the award is granted to an undergraduate student who has been admitted to the Career and Technical Education with a Business Education emphasis, and who qualifies for financial aid. The stipend is paid in two equal payments following verification of enrollment during each of the semesters. Recipient may continue to receive the award as long as selection criteria is met. Apply to the School of Technology.

Rex Syndergaard Scholarship. Established by the family, friends, associates, and former students of Dr. Rex Syndergaard, professor of history at Eastern from 1956 through 1980, the award is presented annually to an upper-division or graduate History major at Eastern, with preference given to those interested in pursuing the teaching profession. Apply to the Department of History.

Edson H. Taylor Scholarship. Established in honor of Dr. E.H. Taylor, professor of mathematics at Eastern from 1899 to 1945, the award is made annually to students who are majoring in Mathematics. The recipient of this award is chosen on the basis of excellence of scholarship in mathematics. Apply to the Department of Mathematics.

H.F. Thut Award. Established in memory of Hiram F. Thut, professor of Botany at Eastern from 1932 to 1969, this award is presented annually to an outstanding sophomore, junior, or senior majoring in Biological Sciences with a Botanical Sciences concentration. Apply to the Department of Biological Sciences.

The Wang Tih-wu Scholarship. Established in 1996 by Dr. Wang Tih-wu, this scholarship goes to a full-time junior or senior at Eastern Illinois University. Priority will be given to applicants from Taiwan and the People's Republic of China who are majoring in Journalism and fields related to mass media, for example, Speech Communication. The recipient must demonstrate academic excellence and involvement in extra-curricular activities. Apply to the International Student Advisor.

Ruby Trimble Memorial Scholarship. Established in 1987 by the Panhellenic Council and the Interfraternity Council in honor of the late Ruby Trimble, longtime secretary of the Office of Student Activities, the award annually provides scholarships to full-time juniors and seniors with a CGPA of at least 2.75; one to a fraternity member and one to a sorority member. Apply to the Office of Student Activities.

Dr. William B. Tym Scholarship. Established in memory of William B. Tym, whose practice of dentistry in Charleston spanned a period of 57 years, the award goes annually to a student enrolled in the Pre-Dentistry program. The recipient must have a GPA of at least 3.0

and show promise of success in the study and practice of dentistry. Apply to the Department of Biological Sciences.

United Graphics Scholarship. Established by United Graphics, this scholarship is presented to a student entering Eastern for the first time. Incoming freshmen must be in the top 10% of their graduating class; transfer students must have a 3.5 GPA. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Wesley J. Vala Student Athletic Scholarship. Established in 1989 in memory of Wesley J. Vala, this scholarship recognizes outstanding achievement in high school athletics by a Sangamon County high school senior who plans to matriculate at Eastern and participate in intercollegiate athletics. Apply to the Director of Athletics.

Mary Cralley Vaupel Memorial Award. Established in 1989 in memory of Mary Cralley Vaupel by Dorothea and Walter McDonald, this award provides to a graduate student interested in Guidance, a one year membership in the American Counseling Association, for Career Counseling and Development. Apply to the Chair, Department of Counseling and Student Development.

Vogel Freshman Mathematics Award. Established in 1987 by Douglas Vogel and Donald C. Vogel, Jr., the award recognizes freshman students enrolled in Mathematics at Eastern Illinois University. A competitive examination will be given during the Spring Semester of each year to determine the recipient(s). Apply to the Department of Mathematics.

John and Bina Jo Walters Scholarship. Established by Melvina Walters in memory of her husband, John, this award is given to a full-time senior with an overall GPA of at least 3.2. The recipient must display a need for financial aid and plan to teach. Apply to the Chair, Department of Music.

Murray and Sallie Walters Memorial Scholarship. Established by Buell Walters in memory of his parents, this scholarship is given to a full-time student majoring in Physics, Chemistry, or Biological Sciences with Teacher Certification and an overall GPA of 3.0. The recipient must display a need for financial aid. Apply to the Dean, College of Sciences.

Errett and Mazie Warner Presidential Awards. Scholarship awards were established in 17 fields of study by the late Errett Warner, distinguished Eastern alumnus. The awards are made annually to outstanding Eastern students enrolled in the designated programs. Areas included in the Presidential Awards are Athletics, Biological Sciences with Botanical Sciences concentration, Biological Sciences with an Environmental Biology option, Biological Sciences studying Animal Systems, Educational Administration, Elementary Education, English, Geology/Geography, Higher Education, History, Journalism, Mathematics, Music, Pre-Legal Studies, Pre-Medical Studies, Physical Education, and Library Studies. Apply to the departments.

Robert A. Warner Music Scholarship. Established through the Department of Music in honor of Robert A. Warner, former professor of music at Eastern, this award goes annually to a Music major who demonstrates talent on a stringed instrument. Apply to the Department of Music.

Ivan W. and Mable Blum Weaver Scholarship. This award was established by Ivan W. Weaver to provide annual scholarship(s) to graduating seniors from Charleston High School who have excelled academically, demonstrate financial need, and who will attend Eastern Illinois University in one of the fields of Science, Mathematics, or Accountancy. Apply to Guidance Counselor, Charleston High School.

Benjamin Weir - Eugene Waffle Journalism Award. Established in honor of the late Benjamin Weir, distinguished Charleston publisher, and the late Dr. Eugene Waffle, distinguished professor of English at Eastern, this scholarship is awarded to an outstanding Eastern Journalism major who can show proof of significant work on

one or more student publications. For application, write to Journalism Scholarship Committee.

Annie L. Weller Scholarship. Established in memory of Miss Annie L. Weller, Head of the Geography Department, the award is made annually to a graduating senior planning to pursue a career in teaching. Eligible candidates must be majoring in Geology or Geography and must have demonstrated superior scholarship ability.

George S. Westcott Band Award. Established by George S. Westcott, emeritus professor of music and director of bands at Eastern, the annual award honors outstanding instrumentalists who have performed three years in the University Band. Apply to the Music Department.

Dr. Robert V. Wharton Award. Established in 1996 by the family of Dr. Robert V. Wharton, this award goes to a full-time or part-time student majoring in English, with an overall GPA of 3.0 and a major GPA of at least 3.25 for courses taken at Eastern. The recipient must have between 60 and 95 hours toward graduation with at least 30 hours taken at Eastern. The recipient must have demonstrated financial need. Preference will be given to single parents and to students with a keen appreciation of and facility for the study of literature. Apply to Chair, English Department.

John L. Whisnand Scholarship. Established by the late John L. Whisnand, the Whisnand Scholarship is presented annually to Eastern students of outstanding character who have at least one year of study left in order to complete a bachelor's degree and who demonstrate financial need. Apply to the Eastern Illinois University Honors Programs.

Howard DeForest Widger Scholarship. Established by the Alumni Association and granted annually to a senior English major, the award is given for outstanding personal character and scholastic achievement in the field of English. Apply to the Chair, English Department.

Joan R. and Glenn D. Williams Women's Athletic Scholarship. Established in 1988 to benefit women student athletes, the award rotates annually between the areas of basketball, softball, volleyball, and track. The recipient must have a GPA of at least 2.0. The athlete may receive the award in subsequent years. Apply to the Department of Athletics.

Ronald A. Wilson Scholarship. Established in 1991 by Ronald A. Wilson, this scholarship is awarded to an Illinois resident who is enrolled in Eastern's College of Education and Professional Studies and who plans to become a teacher. Apply to the Dean, College of Education and Professional Studies.

Jennifer Woods Memorial Scholarship. This award was established in 1990. Eligible applicants are female students majoring in the Department of Health Studies' Community Health Option or in the Women's Studies minor program. Recipients must have a GPA of 3.0 and show good personal character and a commitment to public service. Apply to the Chair, Health Studies.

Lincoln, Florence, & Bonita Woodyard Education Scholarship. Established by Lincoln and Florence Woodyard, this award is given to a full or part-time education major who resides in the state of Illinois. The recipient must have at least a 3.0 GPA on a 4.0 scale and be of good moral character. Apply to the Dean, College of Education and Professional Studies.

John George Wozencraft, Jr. Memorial Award. Established in 1989 by Dr. Marian Wozencraft in memory of her brother, John George Wozencraft, Jr., this award is given to a full-time student majoring in Mathematics (even-numbered years) or Geography (odd-numbered years). Financial need is the primary consideration. Apply to the Department of Mathematics (even-numbered years) or the Department of Geology/Geography (odd-numbered years).

Brad Wright Memorial Scholarship. Established by the Brad Wright Memorial Foundation, this scholarship is awarded to a full or

part-time undergraduate student who has lived in EIU Housing for a minimum of one semester before, or including, the semester of nomination. The recipient must have a minimum cumulative GPA of 2.75 at the end of the last semester before nomination. If a transfer student is nominated, GPA from previous school will be considered. Positive impact on the lives of residence hall students through community service, leadership, academic achievement, and selfless giving to others must be shown. Apply to the Residence Hall Association Advisor.

Charles Jacobs and Mariann Dana Younger Scholarship. Established in 2000 by Charles Jacobs and Mariann Dana Younger, this award is given to a full-time student who demonstrates a strong presence in at least one student activity in any of the following areas: Student Government, Inter-fraternity Council, Pan-Hellenic Council, the arts, music, drama, the sciences, and business. The recipient must demonstrate financial need. Apply to the Vice President for Student Affairs.

Loans

Any time an institutional short-term loan or loans exceed \$100 in the aggregate, a co-signer is required and must be approved by the Loan Officer. The Office of Financial Aid will mail the promissory note to the approved co-signer for signature or the co-signer may come to the office to sign. The amount listed as the value of each individual loan fund represents the maximum loan to be made. The actual amount of the loan to the student is determined by the loan officer unless rules governing the respective loan fund require another person's approval.

Brainard Loan Fund. Established from the estate of H. Ogden Brainard for needy and deserving students at Eastern Illinois University. To be eligible for the Brainard Loan, students must have completed the Financial Aid Need Analysis process and have an unmet need for funds. Students must be enrolled full time with a minimum 2.00 GPA. Loans must be re-paid within one year of the loan approval date. Interest is set at two percent per annum from date to maturity and seven percent per annum after maturity. Any loan over \$100 or any combination of loans totaling more than \$100 must be co-signed by a parent or other full-time employed person. Application is made in the Office of Financial Aid.

Adelia Carothers Fund. This fund was established by the late Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund is to be loaned to young women students of high character and scholarship during their junior and senior year. The interest rate is two percent during enrollment. At termination of enrollment the rate increases to six percent. Inquiry may be made at the Office of Financial Aid.

Elementary and Junior High School Student Teaching Loan Fund. This loan fund was established with funds contributed by students of Eastern State High School during World War II. Loans up to \$100 may be made to students who need the funds during their student teaching semester. No interest is charged when repayment is made within one year. Application must be made to the Dean, College of Education and Professional Studies.

Emergency Loan Fund. The amount of an Emergency Loan is limited to \$100 for a maximum period of 90 days. No interest will be charged if repaid within that period. To be eligible, a student must be in residence at the University at least one term and be in good standing. Application is made in the Office of Financial Aid.

Illinois Congress of Parents and Teachers Loan Fund. In September 1954 the Illinois Congress of Parents and Teachers established a loan fund of \$1,000. Loans from this fund on either a short- or long-term basis may be secured by an eligible student who is in training for the teaching profession. No interest will be charged if the money is repaid within one year of termination of enrollment. Interest then begins at three percent. Students should contact the office of Financial Aid Emergency Loan Area for application forms. Available only to student teachers.

Elizabeth K. Lawson Emergency Loan Fund for Women. Established by friends of Elizabeth K. Lawson, former Dean of Women. The amount of a loan is limited to \$50 for a period of 90 days. No interest will be charged if repaid within that period. To be eligible a student must be female and enrolled full-time. Application is made in the Office of Financial Aid.

Florence McAfee Loan Fund. Physical education majors and minors, alumnae, and staff established this fund in honor of Dr. Florence McAfee. Any woman student, either majoring or minoring in Physical Education, is eligible to borrow from the fund. When need arises, students should contact a member of the Physical Education staff.

William D. Miner Emergency Loan Fund. Established by the Eastern Illinois University Veterans Association in honor of Dr. Miner, a long-time advisor to the association. To be eligible, a borrower must be an enrolled student, a U.S. citizen, and in good standing. Maximum loan is \$50 to non-veterans, \$100 to veterans. No interest charged if repaid within 30 days. Application forms are available in the Office of Financial Aid.

W.D. Morgan Loan Fund. The will of Dr. W.D. Morgan of Charleston gives to the Morgan Loan Fund the annual income from a share of his estate. This loan provides funds to needy students who are sophomores or above, U.S. citizens and enrolled in at least 6 semester hours. The remaining requirements are the same as those of the Student Loan Fund. Application is made at the Office of Financial Aid.

Journalism Loan Fund. Approval of the loan application is made by the Journalism Department. No interest.

Parents' Club Emergency Loan Fund. Established by the Eastern Illinois University Parents' Club. To be eligible, one must be a full-time student in good academic standing. Maximum loan is \$100, no interest is charged, and maximum period of loan is 90 days. Application forms may be obtained in the Office of Financial Aid.

Mary Piper Rogers Student Loan Fund. Limited to graduate or undergraduate women, 25 years of age or older, and registered for a minimum of six hours for the semester in which they made application for the loan. Application is made in the Office of Financial Aid.

Rotary Loan Fund. Established by a donation from the Charleston, Illinois, Rotary Club to assist International Students. Maximum loan is \$100 with no interest charged if repaid within 90 days. Application is made at the Office of Financial Aid with approval from the International Student Office.

The Russell Loan Fund. This fund was established by family and friends in memory of Mrs. W. L. Russell to provide loans for needy women students. Inquiry may be made at the Office of Financial Aid.

Samelman Emergency Loan Fund. Limited to majors in any program administered by the Department of Geology-Geography. Approval of the loan application is determined by the Student Aid Committee of Geology-Geography.

William D. Ford Direct Loan Program. This program was authorized by Congress for institutions to participate in rather than the Federal Family Educational Loan Program available through commercial lenders. Maximum loan amounts to be borrowed are:

Freshmen	\$2,625
Sophomores	\$3,500
Juniors, Seniors.....	\$5,500 per academic level
Graduate Students	\$8,500

Application forms and additional information about this program are available from the Office of Financial Aid. Information may be obtained from the same office about Parent Loans and additional unsubsidized loans for independent students and graduate students.

Student Loan Fund. In 1934 the late John L. Whisnand of Charleston left the University a portion of his estate as an endowment, the income from which was to be available for financial assistance to deserving students. To be eligible for a Student Loan, a student must be a U.S. citizen, enrolled full-time, and be in good standing. Maximum loan to first term Eastern Illinois University enrollee, \$50. Freshmen may borrow a maximum of \$200. Sophomores may borrow a maximum of \$300; Juniors, \$400; Seniors and Graduate Students, \$600. No borrower may owe more than \$600 at any one time. If amount of loan is \$100 or less and borrower has no other outstanding short-term loans, no interest will be charged until due date, and no co-signer will be required; seven percent interest will be charged after due date. Any loan over \$100, or any loan less than \$100 for a borrower who has another short-term loan, will accrue interest of two percent until maturity and seven percent thereafter. These loans must be co-signed by a person employed full-time. Term of repayment shall not exceed one year after termination of enrollment. Application is made at the Office of Financial Aid.

Veterans' Benefits

Vocational Rehabilitation

(Chapter 31 U.S. Code)

Vocational Rehabilitation is a comprehensive educational program administered by the VA, open to veterans with a compensable, service-connected disability. A monthly stipend is awarded along with all tuition and fees, as well as necessary tools or supplies. Contact Veteran Services for more information.

Post-Viet Nam Era Veterans'

Educational Assistance Program

(Chapter 32 U.S. Code)

Individuals who contributed to the VEAP while in the service may be eligible to receive a monthly stipend while attending college. Contact Veteran Services for details.

Dependent Educational Assistance

(Chapter 35 U.S. Code)

Dependent Educational Assistance is available for widows, widowers, and children of veterans who died as a result of a service-connected condition or veterans who carry a permanent and total disability.

Selected Reserve Educational Assistance Program

(Chapter 1606 U.S. Code)

Members of Military Reserve Units should contact their units for eligibility requirements. Applications may be obtained at Veteran Services.

Illinois Veteran Grant

Any person who served in the armed forces of the United States after September 16, 1940, and who at the time of entering such service was a resident of Illinois and has been honorably discharged, may be awarded a scholarship provided he/she has the required period of service. A veteran discharged after August 11, 1967, must have a minimum of one year's active service. If discharged prior to this date, he/she needs only an honorable separation from service. Application should be made by filing a photostatic copy of the discharge or separation papers and IVG application with the ISAC in Deerfield, Illinois. This scholarship may be used concurrently with the GI Bill.

Once initiated, the 120 points of scholarship eligibility may be used with no time limit. The number of points used per semester are prorated in accordance with the number of hours carried.

Military Scholarships must be registered with Veteran Services to be valid for use. Service personnel eligible to use the scholarship must furnish satisfactory documentation of Illinois citizenship.

Illinois Orphans Education Act

The Illinois Educational Benefits Act provides financial aid for children of certain deceased veterans and children of veterans who are totally and permanently disabled from a service-connected disability. Qualified students, ages 10 to 18, may receive up to \$150

a year with which to defray expenses. Application blanks and additional information may be obtained from the Department of Registration and Education, Springfield, Illinois, or from the Illinois Department of Veterans' Affairs, 1000 Broadway, Mattoon, Illinois 61938.

MIA/POW Scholarship. Any spouse, natural child, legally adopted child, or any step-child of a veteran or service person who has been declared by the U.S. Department of Defense or the U.S. Veterans' Administration to be a prisoner of war, missing-in-action, deceased as a result of a service-connected disability, or permanently disabled from service-connected causes with 100% disability and who, at the time of entering service, was an Illinois resident or was an Illinois resident within six months of entering service, may be eligible for the scholarship. Applications may be obtained at Veteran Services.

**Montgomery G.I. Bill - Active Duty
(Chapter 30 U.S. Code)**

Eastern Illinois University is an approved institution for Veterans' Affairs benefit programs. Applications may be obtained at Veteran Services.

Other Federal Programs

Federal Educational Opportunity Grants

The Educational Amendments of 1972 established two federal grant programs. They are the Supplemental Educational Opportunity Grants and Pell Grants. To be eligible, the student must be an undergraduate enrolled in an approved course and meet certain citizenship requirements.

The Federal SUPPLEMENTAL EDUCATIONAL GRANT is intended to supplement other aid. Each EIU financial aid application submitted to the Office of Financial Aid is reviewed for possible eligibility for this grant.

The Federal PELL GRANT provides for grants from \$250 to \$3,750. The actual amount a student receives depends on financial

information reported on the Free Application for Federal Student Aid (FAFSA), whether the student is full-time or part-time, length of enrollment, and cost of education. Application forms are available at high schools, colleges, federal offices, social agencies, and the Office of Financial Aid.

Federal Work-Study Program

Federal Work-Study program is available to students who want to work a part-time job on campus. Students must file a Free Application for Federal Student Aid (FAFSA) and demonstrate financial need. If awarded Federal Work-Study, the student will be guaranteed a job working on campus at minimum wage. The student must be enrolled for a minimum of six hours. Limited funds are available for this program so students should apply early. For additional information, contact the Student Employment Office.

Federal Perkins Loan Fund

The Federal Perkins Loan is a long-term loan for students with exceptional financial need. Students must file a Free Application for Federal Student Aid (FAFSA) and demonstrate need for the Federal Pell Grant. The amount of the loan is determined by the Office of Financial Aid. Limited funds are available for this program so students should apply early. The interest rate is 5% and repayable once the student is no longer enrolled for a period of nine months. Once in repayment, loan payments are made to the Student Accounts Office at Eastern Illinois University. For additional information, contact the Office of Financial Aid.

Regular Student Employment

Regular Student Employment is a part-time job on campus. Students do not need to demonstrate financial need but must be enrolled in a minimum of six hours. Applications are available in the Student Employment Office or students may apply directly to the department where they would like to work. Employment opportunities are posted in the office and on the web at www.eiu.edu/~finaid/jobs.htm for jobs both on campus and in the community.

ADMISSION, READMISSION, AND ENROLLMENT



Learning by example.

ADMISSION POLICIES

Applications for admission to the University may be obtained by writing to: Office of Admissions, Eastern Illinois University, Charleston, Illinois 61920, or on the Internet at www.eiu.edu.

Acceptance of applications and granting of admissions are subject to completion of the application process (See Admissions Procedures). All beginning freshman applicants and all transfer student applicants with fewer than 30 semester hours of earned credit must have ACT or SAT scores submitted to the University. Applications should be on file no later than 10 calendar days preceding registration for the term the student wishes to enroll in. Since the University reserves the right to limit enrollment to available facilities and resources, earlier closing dates may be announced.

Applicants who choose not to attend EIU for the term listed on the application must notify the Office of Admissions in writing if they wish to be considered for a future term. Applications are retained for one semester past the enrollment date.

A Registration Permit to Enroll is mailed after an application has been processed and accepted. The Permit must be presented at the time the student enrolls. Mailed with the Registration Permit to Enroll is the University Health Service Immunization Record form. To be in compliance with State of Illinois Public Act 85-1315, which mandates proof of immunity to selected vaccine-preventable diseases, all new students born after January 1, 1957 must have this form completed by a nurse or doctor and return to the University Health Service by the seventh week of class. Legislation requires that students not be allowed to register for a second semester if immunizations requirements are not met. Housing applications must be sent to the Office of University Housing and Dining Services (See Living Accommodations) and may be made at any time even though an Application for Admission has not been filed or accepted. The Application for Housing does not constitute an Application for Admission, nor does the Application for Admission constitute an Application for Housing. Early submission of applications for admission and housing is encouraged, particularly for the Fall Semester.

High School Subject Requirements

College-Preparatory English: Four years of English, emphasizing composition, grammar, and literature. As much as one year of the requirement may be satisfied by two semesters in any combination of drama, debate, public speaking, or journalism.

College-Preparatory Mathematics: Three years of mathematics, including algebra, geometry, advanced mathematics, or computer programming.

College-Preparatory Science: Three years of natural sciences (biological and physical), with significant laboratory experiences.

College-Preparatory Social Studies: Three years of social studies, including one year of United States history and/or government.

Electives: Two years of academic or vocational electives.

The University will allow a flexible redistribution for up to three of the 15 units within the subject areas. No more than one unit each (for a total of three) from the categories of Social Studies, Mathematics, Science, and Electives may be redistributed to any of the other five categories of course work. No more than one unit may be applied to any one category to make up a deficiency. If flexible units are utilized, prerequisites for specific courses may not necessarily be met.

First-time freshman applicants and transfer applicants with fewer than 30 semester hours of acceptable credit who meet all criteria for admission except high school course-specific requirements will be admitted on a provisional basis if (1) they did not have an opportunity to complete the minimum college preparatory curriculum in high school; or (2) they are admitted through the Gateway Program.

The courses in which provisionally admitted students enroll must include courses in the high school subject areas in which course-specific requirements were not met. One three-hour college course is considered to be the equivalent of one year of high school work in

a subject area. To remove provisional status in English, Mathematics, Science and/or Social Studies, students must complete at least three semester hours of course work with a grade of C or better for each year or fractional year of deficiency in a subject area. (Proficiency examination credit in accordance with University policy also is acceptable.) Courses used for this purpose must be selected from the list which follows:

English Deficiency	
English 1001G*	English 1002G*
English 2009G*	English 2011G*
English 3010G*	
Mathematics Deficiency	
Mathematics 1271	Mathematics 1400
Science Deficiency	
Biological Sciences 1001G*	Biological Sciences 1003G*
Biological Sciences 1004G	Biological Sciences 2001G*
Chemistry 1040G	Earth Science/ Geology 1300G*
Earth Science 1400G*	Physics 1052G
Physics 1051G	Physics 1151G, 1152G
Physics 1071, 1072	
Physics 1351G*, 1352G*	
Social Studies Deficiency	
Anthropology 2200G*	College of Sciences 3001G
Economics 2800G	Economics 2801G*
Geography 1100G*	Geography 1200G*
History 2010*	History 2020*
History 3600*	Political Science 1003
Political Science 1153G*	Political Science 2253G*
Political Science 2603*	Psychology 1879G*
Sociology 2710G	Sociology 2750G*

*There is an honors version of this course.

Transfer students admitted on a provisional basis will be considered to have removed a deficiency if they received a grade of C or better in transfer work equivalent to at least three semester hours, or four quarter hours, for each year or fractional year of deficiency in a subject area.

For freshmen provisionally admitted in Fall 1994 and thereafter, a high school deficiency may be satisfied by satisfactory completion of a course in that subject area (See list above). In the case of deficiencies in English, English 1001G and 1002G may also be used to remove a deficiency. Any course from the above list used to satisfy a deficiency that is designated as part of the General Education Program may also be used toward the General Education requirement. Provisionally admitted students are expected to remove deficiencies by the end of the grading period in which they complete 44 semester hours.

Students who graduated from high school or obtained a High School Equivalency Certificate through the General Education Development (GED) Test five or more years prior to entering the University are exempt from course-specific admission requirements. Students who graduated from high school or obtained a High School Equivalency Certificate less than five years prior to entering the University must meet the course-specific admission requirements.

Concurrent High School Enrollment

Students who have completed the junior year in a recognized high school may be eligible for concurrent enrollment at EIU. To be considered, students must have completed twelve acceptable units, rank in the upper twenty-five percent of their class, and obtain the recommendation of their principal.

In this program, college course enrollment is limited to eight semester hours for the summer preceding the high school senior year and four credit hours during the regular semesters of the senior year. Credits earned under this arrangement are held in escrow to be applied toward graduation requirements at EIU. Students are

cautioned that such credit may not be acceptable to, nor transferable to, other educational institutions.

Those wishing to continue their enrollment at EIU after graduation from high school must complete the standard freshman admission process.

Graduates of Non-Accredited or Non-Recognized High Schools

"Recognized" is defined to include secondary schools recognized by the Office of the Illinois State Superintendent of Instruction OR accredited by the North Central Association or one of the five other regional accrediting agencies.

Graduates of high schools which are neither regionally accredited nor recognized may not be considered for admission unless they have passed the General Education Development (GED) Test and obtained a High School Equivalency Certificate. For students who have been home schooled and do not present a recognized diploma, the GED requirement may be waived with an acceptable ACT score as determined by the Office of Admissions. Home schooled students must also submit a transcript of all courses completed with grades listed for each class.

Beginning Freshmen

Effective Fall 1998

Applicants for admission to EIU are selected, dependent upon the availability of facilities and resources, from candidates who satisfy one of the following categories:

1. Rank in the top one quarter of their high school class based on six or more semesters *and* have an ACT composite standard score of at least 18 (SAT 860).
2. Rank in the top one half of their high school class based on six or more semesters *and* have an ACT composite standard score of at least 19 (SAT 910).
3. Rank in the top three quarters of their high school class based on six or more semesters *and* have an ACT composite standard score of at least 22 (SAT 1020).

Other applicants may be considered for admission on a space available basis. Such applicants should contact the Director of Admissions.

Native Students

The University defines a native student as one whose initial college/university enrollment was as a beginning freshman at EIU.

Transfer Students

Dependent upon the availability of facilities and resources, the University considers applications for admission from candidates who have attended one or more other colleges and universities. In order to be considered for admission, an applicant must submit official transcripts from all educational institutions previously attended; these include each college or university, as well as the high school from which the applicant graduated.

Applicants must have a cumulative GPA of 2.00 on a 4.00 grading scale based on *all* college-level work attempted, and a 2.00 cumulative GPA on a 4.00 scale from the last institution attended.

As a condition of continued enrollment, transfer students admitted to the University with 30 or more semester hours of earned credit who have taken the ACT or SAT test prior to beginning college must submit their test scores to the University prior to the close of their first term of attendance at the University.

Transfer students with fewer than 30 semester hours of earned credit must also meet beginning freshman admission requirements.

Graduate Students

See *Graduate Catalog*.

Summer Guest Students

(Undergraduates)

A Summer Guest Student is one who is not seeking a degree at EIU and is not a former regular student at Eastern. The purpose of a summer guest enrollment is usually to transfer credit hours back to another institution. Summer guest students are admitted for summer terms only, without having to submit official transcripts. The student is required to sign a Disclaimer Statement certifying that she or he 1) is admitted/enrolled in good standing at another institution; 2) has the necessary academic preparation for the proposed course(s); 3) understands that admission as a Summer Guest Student does not constitute admission to the University for subsequent regular (fall/spring) semesters; and 4) is aware that credits earned as a Summer Guest Student may or may not be applicable to a specific degree program at EIU.

Each summer a student wishes to enroll as a Summer Guest Student, she or he must submit a Summer Guest Student Application, sign the disclaimer form, and pay the \$25 application processing fee. Enrollment in a subsequent fall or spring term requires submission of a regular Application for Admission, a full set of required documents showing admissions standards have been met, and the \$25 application processing fee. All applications for fall or spring terms are considered on a space available basis.

International Applicants

Standard and Conditional Admission for Undergraduate Applicants

Undergraduate international applicants must submit a complete packet of admission materials to the Office of International Programs. A complete packet for undergraduate applicants includes an international application, an application fee, an approved financial affidavit form, an official raised seal transcript from high school, and documentation of English mastery. The approved financial affidavit form must verify the applicant's financial status for study. For undergraduate applicants the raised seal transcript or original copy of national examinations must document completion of secondary education, comparable to that awarded by a United States high school. The high school transcript must also verify that the applicant earned a minimum GPA of 2.0 on a 4.0 scale.

English language mastery for undergraduate applicants for admission may be documented in one of the following ways:

1. Submission of a score of 500 or higher on the paper-based Test of English as a Foreign Language (TOEFL), or a score of 173 or higher on the computer-based TOEFL.
2. Submission of evidence of residency in a nation whose official language is English
3. Submission of evidence of successful completion of 24 semester hours of college credit at an accredited college or university in the United States
4. Submission of evidence of a Level 9 Certificate of Completion from an Intensive English Language Center in the United States.
5. Submission of evidence of successful completion of three years of high school in the United States and an ACT composite standard score of at least 18 (SAT 860).

Admission to EIU and an approved financial affidavit form are required in order for the Office of International Programs to issue Form I-20 or IAP-66. Applicants who meet all of the requirements for admission, but do not meet the criteria for English mastery may be offered Conditional Admission.

Conditional admission may be offered to undergraduate international applicants who meet the criteria for admission to EIU except for English language mastery. Conditional admission is granted only by the Office of International Programs. Conditional admission limits enrollment to Intensive English Language courses. Undergraduates in conditional admission must provide evidence of meeting English language mastery to the Office of International Programs in one of two ways to be considered for standard admission: Students must provide evidence of full-time enrollment in the Intensive English Language Center at EIU and earn a 500 or higher on the institutional Test of English as a Foreign Language taken at EIU or students must earn a 500 or higher on the paper-based TOEFL taken in their

home country, or a score of 173 or higher on the computer-based TOEFL.

All undergraduate international students admitted to the University who have a paper-based TOEFL score of 550 or lower or a computer-based TOEFL of 213 or lower must complete the Michigan English Proficiency Exam, a writing exam, and an oral interview at the time of arrival on campus. International students who indicate a deficiency in language skills will be required to take a maximum of two Intensive English Program classes during their first semester on campus.

Gateway Program

Students who do not meet regular admission requirements may be considered for admission to the Gateway Program (formerly the Minority Admissions Program). Admission is considered for beginning freshmen for the Fall Semester of each academic year. Maintaining a culturally diverse student body, including adequate representation of students in the total student body, is an educational goal of the University. The University measures annual progress toward its ultimate goal by increases in the percentage of underrepresented students in its student body.

The University will consider applications from candidates who have an ACT composite standard score of at least 14 *and* who have a high school cumulative GPA of at least C (2.00 on a 4.00 scale) based on six or more semesters. This differential test score standard is intended to take account of the cultural bias associated with standard admission tests. Applicants must also meet the high school subject requirements specified for all entering freshmen. In addition to completing a program admission application, applicants must submit a writing sample, a completed participant agreement, and three letters of recommendation from high school teachers and/or counselors which provide evidence of the applicant's character, motivation, ability to overcome economic and educational disadvantage, work experience, and other relevant factors. An interview may be required and high school attendance patterns will be considered.

Students admitted to the program are provided the following: designated program academic advisors; assessment of basic skills in reading, writing, and mathematics; placement in specified courses; and programs selected to address special needs or deficiencies identified by assessment.

Continued enrollment in the program requires that a student enroll in at least 12 hours each semester.

General guidelines for the program are established by the Advisory Committee chaired by the Director of Minority Affairs. Among the program guidelines, students are required to live in University residence halls; are subject to the same academic warning, probation, and dismissal policies as are all University students; may declare an academic major no sooner than the second semester of attendance; may be main-streamed as soon as the end of the second semester of attendance if they have earned a minimum of 20 hours over two semesters with a GPA of 2.00 or higher each semester; and will be mainstreamed at the end of the term in which they earn 45 semester hours of credit, or complete four semesters and obtain the permission of the program director to exit the program. Students in good standing at the end of their second semester who have failed to successfully complete two consecutive semesters with a 2.00 or higher GPA will be mainstreamed if they earn a minimum GPA of 2.00 at the end of their third semester.

Gateway Program students must agree to follow the academic program prescribed by their academic advisor and the general guidelines established for the program as conditions for continuation in the program. Students who fail to comply with program guidelines may be dismissed from the program and the University after a review and appeal process established by the Advisory Committee.

The Advisory Committee shall consist of: Director of Minority Affairs (Chair), Associate Vice President for Academic Affairs, Director of Admissions, and a faculty member appointed by the Vice President for Academic Affairs.

Adult Student Admission Policy

Students who have never enrolled in any college or university and who have been graduated from an accredited high school for at least five years may be admitted to EIU on a conditional basis. During their first 24 semester hours at EIU, those students are required to successfully complete the following courses: General Studies 1000, English 1001G, English 1002G, and an appropriate mathematics course. Students admitted in this category will be evaluated for satisfactory progress using the standards in place for student retention at the University.

An Application for Admission, an official high school transcript, and a letter requesting consideration for conditional admission are required for consideration. These items and any other available supportive material should be sent to the Director of Admissions. The Director will review each application and make a decision based on the applicant's potential for success at EIU.

Admission Procedures

All applicants must submit a \$25 non-refundable fee with the application. Check or money order only should be made payable to Eastern Illinois University.

Beginning Freshmen

1. Obtain an application for admission by contacting:
Office of Admissions
Eastern Illinois University
Charleston, Illinois 61920
(800) 252-5711.
2. Provide **all** information requested on the application form. Request your high school to complete the form and forward it and a copy of your transcript of grades to the University. You should also request that your high school send a final transcript when available.
3. Request ACT or SAT scores be sent directly from the testing agency to the University. Scores forwarded by your high school may be used as a working document only.

Transfer Students

1. Obtain an application for admission by contacting:
Office of Admissions
Eastern Illinois University
Charleston, Illinois 61920
(800) 252-5711
2. Provide **all** information requested on the application form and send the completed form to the Office of Admissions.
3. Request that **all** institutions previously attended send official transcripts to the Office of Admissions. This includes both high schools and colleges.
4. **Transfer applicants with fewer than 30 semester hours of earned acceptable credit must also meet beginning freshman admission requirements.**

Transfer students admitted to the University with 30 or more semester hours who have taken the ACT or SAT test prior to beginning college must, as a condition of continued enrollment, submit ACT or SAT scores during the first term of attendance at the University.

Readmission

Former Undergraduate Students

Former undergraduate students who are academically eligible and wish to return to the University after a lapse of one or more semesters should make application for readmission to the Records Office at least 10 calendar days prior to the first class day of the term in which they intend to enroll. An earlier closing date may be announced in the public press. Students enrolled in the Spring Semester need not apply for readmission for the ensuing Fall Semester.

A former undergraduate student who has attended one or more regionally accredited colleges or universities since last attending EIU may be readmitted provided the following two conditions are met with

respect to course work taken since last in attendance at Eastern: (1) the composite GPA in all course work attempted is at least 2.00 on a 4.00 scale AND (2) the GPA at the last college or university attended is at least 2.00 on a 4.00 scale. If the student is attending another regionally accredited college or university at the time of applying for readmission, a statement from that institution indicating the student is earning at least a 2.00 on a 4.00 scale for course work subsequent to last attending Eastern will suffice until the official transcript can be sent at the end of the term.

Students dismissed for poor scholarship must remain out of the University for at least one regular semester. After the inactive semester, students dismissed for the first time will be automatically eligible for reinstatement and may re-enter the University at the beginning of a fall or spring semester provided they indicate their intentions to do so prior to established deadlines and have the required GPA from any other institutions they have attended. Students dismissed for poor scholarship will not be allowed to re-enter during a summer term. Any student dismissed from EIU for academic reasons must enroll in GST 1000 during the term in which he or she re-enters the University as a condition of reinstatement. Reinstated students re-enter the University with the cumulative GPA they had upon dismissal and are placed on academic probation. This probationary status will continue so long as the student satisfies the conditions specified in the section on "Academic Probation." Students failing to make satisfactory progress are dismissed again and may not be reinstated a second time except by approval of the Committee on Reinstatement. Petitions for reinstatement must be submitted by the third Monday in June for the Fall semester and by the second Monday in September for the Spring semester. No petitions are accepted for Summer terms. Petition forms are available from the Records Office.

A former undergraduate student dismissed for low scholarship who has attended one or more regionally accredited colleges or universities since last attending EIU may be readmitted provided the following two conditions are met with respect to course work taken since last in attendance at Eastern: (1) the composite GPA in all course work attempted is at least 2.00 on a 4.00 scale; AND (2) the GPA at the last college or university attended is at least 2.00 on a 4.00 scale. If the student is attending another regionally accredited college or university at the time of applying for readmission, a statement from that institution indicating the student is earning at least a 2.00 on a 4.00 scale for course work subsequent to last attending Eastern will suffice until the official transcript can be sent at the end of the term.

A former undergraduate student dismissed for low scholarship should consider taking advantage of the academic assistance services offered by the University. A description of these services appears under the heading of Academic Services.

Former Students Who Have Graduated

Former students who have graduated and who return to the University after a lapse of one or more semesters should make application for readmission to the Records Office at least ten calendar days prior to the first class day of the term in which they intend to enroll. An earlier closing date may be announced in the public press. *Students not previously admitted to Graduate School must also apply for admission to the Graduate School.*

Enrollment

Registration Procedures

New Students. Instructions for the registration of new students are given in writing, in conferences, and at meetings during orientation periods.

Students Currently Enrolled. Each student currently enrolled should participate in early registration for the following term. By doing so, the student agrees to complete his/her registration by advance payment of all fees. Scheduling for the reservation of space is planned so that graduate students, seniors, juniors, sophomores, and freshmen are assigned space in that order. Students who fail to complete the various steps, including payment of fees, in early registration will forfeit the space in class which has been reserved for them.

All students who have not completed early registration for a given term may register during late registration. Each student currently enrolled must make the advance deposit for the approaching term and then follow instructions in the class schedule to register by Touch Tone Telephone. The advance deposit must be paid or waived before the student may register. The University assumes no responsibility for accepting an ineligible student's registration. Reservation of a space for any class is subject to the assigned capacity of the class.

Former Students. Students who return to the University after a lapse of one or more semesters receive written instructions for registration procedures after they have applied for readmission.

New Student Orientation

The primary function of the Office of Orientation is to provide incoming students the tools to take on the college experience by providing information on academic and social opportunities throughout the university. We provide the essential information for both students and parents to know they are in a safe and caring environment that will bring opportunities for success. Such information includes policy and procedure related to safety, financial aid, housing, policies, academic integrity, and student issues.

New students arriving on campus for the Fall and Spring Semesters are invited to participate in the Panther Preview Program. The Panther Preview Program provides a variety of campus-wide social, recreational, and awareness programs designed to acquaint new students with university life.

Ongoing Orientation programs and transition activities are sponsored by the Office of Orientation throughout each semester. Schedules of Orientation activities are provided to new students by mail and are also available through the Office of Orientation, 581-6435.

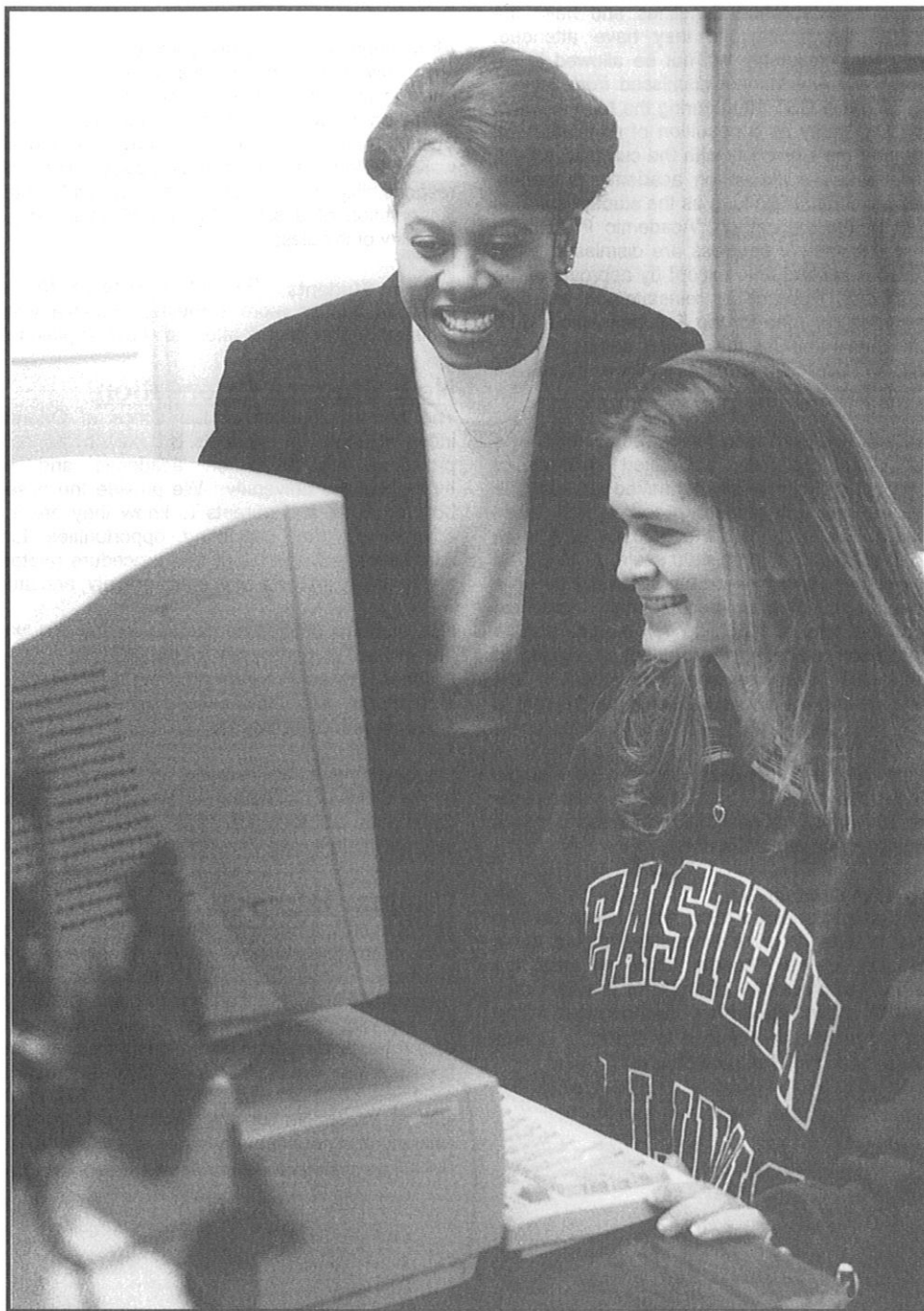
Unclear Records

The academic records for students who have outstanding obligations with such departments as Booth Library, Athletic Department, Textbook Rental Service, Financial Aid, Chemistry Department, University Police and Parking, Registration and Business Office will be marked "unclear." Each student should check with all departments to clear all obligations prior to semester or summer term breaks and/or leaving the University permanently.

Official transcripts for any student with an unclear record will be withheld and not sent to any one or any place. A hold on a student's record *precludes readmission, registration, or graduation.*

V

ACADEMIC REGULATIONS AND REQUIREMENTS



People who care.

GRADUATION REQUIREMENTS

Requirements for the Bachelor's Degree:

Official course requirements for baccalaureate degrees are given in Section VIII. To achieve a baccalaureate degree, the student must:

1. Successfully complete the General Education Requirements detailed in Section VI, including the senior seminar.¹
2. Successfully complete one of the degree programs listed in detail in Section VIII, "College Descriptions and Program Requirements," and attain a minimum GPA of 2.00 in his/her major area. A GPA of at least 2.50 both cumulative and in the major is required for graduation from a teacher education program. Other curricula may also require a cumulative GPA higher than 2.0 for acceptance to the major and/or graduation. Consult the catalog description for specific information.
3. Successfully complete a minimum of 12 semester hours in residence in courses applicable to the GPA in his/her major discipline.
4. Successfully complete at least 40 semester hours in upper division courses (3000-4000 numbered courses).
5. Earn a minimum of 42 semester hours in residence with a minimum of 32 in the junior and senior years, 12 of which must be in residence during the senior year. Cooperative degree candidates must complete 38 semester hours in residence.
6. Successfully complete at least 120 hours with a CGPA of 2.0 in all courses attempted.
7. Successfully complete two courses in a single foreign language.²
8. Earn a "C" or better in English 1001G, English 1002G, and Speech Communication 1310G or in accepted substitutions.
9. First-time freshmen entering EIU or another college or university in academic year 2000-01 and all students choosing to graduate under the requirements of the 2001 or a later Catalog must successfully complete the Electronic Writing Portfolio³. Students entering at earlier dates who choose and are eligible to follow the 2000-01 Catalog must complete the Writing Competency Exam.
10. A transfer student must successfully complete a minimum of 56 semester hours applicable to a baccalaureate degree in senior institutions, with at least 42 semester hours earned at EIU.⁴

¹Because the terminal year is taken off-campus in cooperative programs, students completing cooperative degree programs, i.e., Engineering and Clinical Laboratory Science, will not be required to take a Senior Seminar or to submit the 4th writing sample for the Electronic Writing Portfolio.

²Students entering as freshmen in Fall 1993 and thereafter must have completed two years in a single foreign language in high school with an average grade of C or better for the two years' work in order to have previously satisfied this requirement.

³The first essay/document will come from a writing-centered course in the General Education curriculum, ENG 1001G, ENG 1002G, ENG 1091G, or ENG 1092G (generally completed before the student has earned 30 hours);
the second essay/document will come from a writing-intensive course at the 2000 level or from an introductory, writing-intensive course in the major field (generally completed when the student has earned between 30 and 59 hours);
the third essay/document will come from an upper-division, writing-intensive General Education course or from a 3000- or 4000- level writing-intensive course in the major (generally completed when the student has earned between 60 and 89 hours);
the fourth essay/document will come from the Senior Seminar (generally completed after the student has earned 90 hours).

Further information about the Electronic Writing Portfolio is available from the Office of Academic Assessment and Testing.

⁴All military service credit based on the recommendations in the American Council on Education's Guide to the Evaluation of Educational Experience in the Armed Services, and accepted by EIU, is senior institution credit.

Responsibility of Students

It is the responsibility of the student to know and to observe the requirements of his/her curriculum and the rules governing academic work. Although the advisor will attempt to help the student make wise decisions, the ultimate responsibility for meeting the requirements for graduation rests with the student.

Requirements for Two Majors

Within a Degree

An undergraduate student shall indicate the major program for which the appropriate bachelor's degree will be awarded when all degree requirements have been met. This shall be recorded as the "degree major."

An undergraduate student who has declared a "degree major" may earn a "second major" by completing the requirements for that second major as listed in the catalog. Only one degree will be awarded-- that degree to be determined by the "degree major." Both majors will be listed on the student's transcript.

Depending on the degree requirements and the student's background, a "second major" may, in many cases, be earned with a minimum of 120 semester credits. However, in some cases a student may need to complete more than 120 semester credits to be entitled to the notation of the "second major."

It is the student's responsibility to indicate the "degree major" and a "second major," if any, at the time of application for graduation. Certification for graduation is a dual process: the dean responsible for the "second major" certifies that requirements for that major have been met; final responsibility for certification for graduation lies with the dean responsible for the "degree major."

Requirements for Two Bachelor's Degrees

A student will be awarded all degrees for which he/she has completed requirements, except that the Board of Trustees B.A. degree may not be awarded simultaneously with another degree or awarded to a student who already holds a bachelor's degree.

Simultaneous Degrees: A student who is currently enrolled at EIU may apply for and receive two bachelor's degrees at the same time by making arrangements with the appropriate certifying dean(s). The degrees may be the same (e.g., two B.A. degrees) or different (e.g., a B.A. degree and a B.S. degree). All specified major requirements for both degrees must be met as well as the general requirements for the bachelor's degree. The program of study must include a minimum of 150 semester hours of courses with at least 60 of these hours in upper-division courses (3000-4000 courses) and with at least 72 of the 150 semester hours completed at EIU. All requirements for both degrees must be completed at the time of graduation.

Consecutive Degrees: A student who has already received a bachelor's degree from EIU, or from another regionally accredited college or university, may receive a second bachelor's degree from EIU. All specified major requirements for the second degree must be met, and the program of study completed for the second degree must include at least 30 semester hours of courses taken at EIU after the granting of the first degree. At least 20 of the 30 hours presented for the second degree must be upper-division courses (3000-4000 level courses) with at least 12 semester hours of work in courses applicable to determining the GPA in the major. Admission is through the Graduate Office.

Optional Catalog Requirements

A native student may choose to graduate under the requirements stated in the EIU catalog current at the time of his/her entrance to the University or under the requirements stated in a subsequent catalog published prior to his/her graduation. All requirements of the catalog selected must be met in full.

An undergraduate transfer student may choose to graduate under the requirements stated in the EIU catalog current at the time he or she initially enrolled at another college or university provided that catalog did not precede his/her enrollment at EIU by more than three years. Such a student may choose to graduate under subsequent catalogs on the same basis as native students. All requirements of the catalog selected must be met in full.

The catalog options for a student who was concurrently enrolled at any college while still enrolled in high school begin with the catalog in effect during the first semester of college enrollment subsequent to graduation from high school.

In no case may a student combine or choose various requirements from several catalogs in order to achieve minimal curriculum. During periods of transition, deans, in consultation with department chairpersons, are authorized to make such curriculum adjustments to graduation plans as will insure academically meaningful programs. Copies of all such authorizations must be filed with the Records Office.

CREDIT

Credit Earned at Eastern Illinois University

The unit of credit measure is the semester hour, which approximates the effort expended in 50 minutes of class work and 100 minutes of study during each week of a semester.

Students may count toward graduation no more than four semester hours credit in chorus, orchestra, band, and four semester hours in physical education activity courses. However, Music majors and minors may count six semester hours in music ensemble activities; Physical Education majors and minors and Recreation Administration majors may count no more than six semester hours in physical education activity courses toward graduation.

Transfer Credit

Credit for Courses in Other Colleges and Universities. Advanced standing and transfer credit are granted for acceptable courses passed in colleges and universities accredited by the North Central Association or other regional accrediting agencies.

Students transferring to EIU who have received an A.A. or A.S. degree in a baccalaureate-oriented program from an Illinois public community college, Lincoln College, or Springfield College in Illinois or who completed the IAI General Education Core Curriculum are considered as having met lower-division general education requirements* if they meet all of the following criteria:

1. Their initial term of enrollment at Eastern was Summer 1982 or thereafter;
2. Their cumulative Eastern GPA is 2.00 or higher;

NOTE: Successful completion of two courses in a single foreign language is a requirement for graduation.

As of the 1992-93 catalog, transfer students other than those categories specified in the preceding paragraphs will have met general education requirements if they have completed elsewhere* courses which have been accepted as approved substitutes for appropriate courses in the general education program at EIU; such students meet Eastern's general education requirement of "two courses in reading and writing" if they have credit and a minimal grade of "C" in any two English courses (in composition, composition and literature, or the equivalent) totaling at least six semester hours.

NOTE: Transfer students who have only partially fulfilled general education requirements by transfer approved credit must complete the requirement in approved EIU distribution courses, or, as of the 1992-93 catalog, approved general education courses.

Because major requirements vary, students with A.A. or A.S. degrees from Illinois public community colleges should be aware that they may not necessarily graduate with only an additional 60 semester hours of academic work. Further, all transfer students who enter teacher certification programs must meet all requirements for teacher certification.

The University requires a minimum of 56 semester hours in a senior institution or institutions, 42 of which must be earned at EIU, in order to qualify for a baccalaureate degree. If a student completes an Associate's Degree after beginning to take courses at Eastern, the general education requirements will not automatically have been met. See *Requirements for the Bachelor's Degree* for additional information.

***Note: A grade of "C" or better in English 1001G, English 1002G, and Speech Communication 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a general education requirement.**

Credit from a College or University Taken While a High School Student. Students admitted to EIU will receive credit for appropriate courses in which they earned grades of "C" or better while still in high school, provided they completed these courses at or through the auspices of a regionally-accredited college or university.

Credit for Military Service. Certain experiences in military service may be submitted to the Records Office for evaluation for advanced standing. The recommendations contained in "A Guide to the Evaluation of Educational Experiences in the Armed Services" by the American Council on Education are used as a basis for such evaluation. Credit is allowed when the recommendations can be considered as reasonable substitutes for work ordinarily accepted by the University.

Credit for Correspondence and Extension Courses. Correspondence and extension courses taken from regionally accredited colleges and universities may be submitted for evaluation for advanced standing toward a baccalaureate degree. The total credit accepted toward graduation may not exceed 32 semester hours in correspondence and/or extension courses. Credit toward graduation for such courses, if taken in whole or in part during a period of resident study at EIU, is subject to permission granted by the Registrar, in advance of enrollment and to subsequent completion in accordance with the conditions governing the permission. When students are enrolled simultaneously in any combination of residence, extension, and correspondence courses, the total credit accepted may not exceed the maximum residence credit for which the student would be eligible during the period in question. Credit received in EIU courses taught by EIU staff members, either on or off campus, may be counted as credit in residence.

Application for permission must include the proposed starting date of the course, the proposed completion date, and the proposed periods of work. If the course is not completed in accordance with this schedule, an extension of time granted by the Registrar is required in order for the course to be considered subsequently for credit toward a degree. Documentary verification of compliance with the regulations may be required by the Registrar.

Credit for Nationally Standardized Tests. Students who submit scores for Advanced Placement Tests and/or College Level Examination Program (CLEP) Tests administered by the College Entrance Examination Board and/or Proficiency Examination Program (PEP) tests administered by the American College Testing Program will have their records evaluated by the Registrar in accordance with standards established by the appropriate departments to determine proper placement and credit. College credit granted will be treated as credit without a grade; such credit will count toward graduation and may be used in fulfilling requirements. Credit may be allowed as indicated above only if the student was not obliged to use the credit to meet minimum high school graduation requirements. Eastern does not allow a student to re-take a CLEP exam for Eastern credit if the first score is unsatisfactory.

Students should check with Records or with Testing to determine which Advanced Placement Tests, CLEP Subject Exams, and PEP Exams are honored by EIU and whether essay portions of the exams are required. Only the Natural Sciences test and the Humanities test of the CLEP General Exams may carry credit.

The following conditions apply to the granting of credit for CLEP, PEP, and/or Advanced Placement examinations:

1. Credit will be awarded only if the original test scores are sent directly to Eastern. Credit will not be awarded based on scores listed on another institution's transcript.
2. The applicant may receive credit only once in a given course in a given subject.
3. Credit will not be granted if:
 - The course substantially duplicates one or more courses accepted for college entrance or for transfer credit.
 - There is an entry on the applicant's permanent record for the course.
 - The applicant has earned college credit in one or more courses in the subject more advanced than the given course.
 - The applicant is currently enrolled in the course or in a course in the subject more advanced than the given course and more than one month of the semester has elapsed.

Credit by Proficiency Examinations

Proficiency examinations, if approved by an academic department, offer the student an opportunity to obtain credit for experience relevant to certain courses, for individual study of subjects, or for study of relevant courses in non-accredited institutions.

Credit by proficiency examination in a course is equivalent to credit earned by enrollment in that course for purposes of satisfying a major requirement, a minor requirement, a general education requirement, the advanced credit requirement, and the total hours for a baccalaureate degree requirement. It does not apply toward any residence requirement, and is not included in determining honors, probation, GPA, etc.

Proficiency examinations for credit in undergraduate courses are given in accordance with the following rules:

1. The student who desires such credit must first report to the Records Office and complete an application.
2. The applicant must be in good academic standing at EIU.
3. Generally the applicant must be enrolled as a student in the University at the time the application is filed.
4. The applicant may apply only once for a proficiency examination in a given course in a given subject.
5. An applicant is not eligible for credit by proficiency examination in a given course in a given subject if any one or more of the following conditions is satisfied:
 - The course is a physical education service course.
 - The course is a foreign language course numbered below 3000 and the applicant is a native speaker of the language.

- There is an entry on the applicant's permanent record for that course.
 - The course substantially duplicates one or more courses accepted for college entrance or for transfer of credit.
 - The applicant has credit in one or more courses in that subject more advanced than the given course.
 - The applicant is currently enrolled in the course or in a course more advanced than the given course and more than one month of the semester has passed.
6. The Registrar checks the application, and, if appropriate, certifies the eligibility of the applicant for the requested examination prior to returning the form to the applicant. If the applicant is deemed ineligible, his or her returned application will indicate the reason for ineligibility.
 7. The non-refundable fee for a proficiency examination is \$10/semester hour; the exam must be taken within two weeks from the date of paying the fee.
 8. An eligible applicant must obtain the approval of the appropriate department chairperson before the examination is taken. Generally such approval is contingent upon presentation of evidence of independent study, relevant experience, or relevant study in non-accredited institutions.
 9. If the course is ordinarily taught by more than one member of the faculty, a committee of at least two members is appointed by the department chairperson to give the examination and assign the grade. The examination must be comprehensive, and for approval of proficiency credit the grade must be C or higher.
 10. The application form is completed and forwarded through the department chairperson and dean to the Registrar.
 11. Credit by proficiency examination is entered on the permanent record with "CR" as the grade entry.

Undergraduate Internship Experience For Academic Credit

An internship is a work experience related to the student's major or approved minor. This work experience must be directly related to the potential professional opportunities for graduates with the major or minor. While internships may vary in duration, credit, and requirements, a minimum of one week of full-time employment is required for each semester hour of credit. Therefore, the maximum number of semester hours of credit for an internship is 15 for a regular semester. All internships will be graded on a credit/no credit basis.

Students wishing to register for an internship must secure a form from the department chairperson or division head. Working with a faculty advisor, the student makes arrangements for the work experience and fills out the form. The form is then returned to the chairperson or division head for his/her approval *prior to the first day of classes for a given term.*

Note: No more than three semester hours of credit may be earned toward a minor.

International Students must contact the international student advisor prior to registering for an internship.

Independent Study

Independent study enables a student to pursue individual research and reading in a field of special interest under the guidance of a faculty member. As an independent study involves relatively self-directed student effort in the pursuit of some clearly defined goals, it is important for the student to specify the learning objectives of the study. A proposal for an independent study project must be accepted in advance by the faculty member who agrees to serve as the project advisor. The project must also be submitted to the department chairperson for approval prior to the student's registration.

Note: No more than three semester hours of independent study may be applied toward a minor.

Undergraduate Academic Waivers

Undergraduate students seeking waivers of academic rules or procedures may obtain waiver forms from their deans, department

chairpersons or advisors. It is the student's responsibility to complete the form, obtain the necessary signatures, and present the form to the student's certifying dean for processing. Copies of the guidelines/rules regarding waivers (including submission deadlines) are available in the deans' offices.

If an undergraduate student waiver is denied by the student's certifying dean, the student may submit an appeal (following approved guidelines for submission) to the Registrar, who serves as corresponding secretary for the Undergraduate Academic Waiver Appeals Committee (UAWAC). Decisions made by the UAWAC are final.

Credit/No Credit Option

To encourage students to participate in areas of learning outside their major interests and to stimulate intellectual curiosity, the University has the Credit/No Credit system. To receive Credit (CR), the grade must be C or better. A grade of D or F will carry a No Credit (NC) designation. Please note that the Credit/No Credit designations are not figured into students' GPAs. In addition, the following rules apply:

Eligible Students. Sophomores, juniors, seniors.

Procedure. Credit/No Credit option may be requested using Touch-Tone Telephone Registration until the 10th class day of the semester. The time periods for Summer Session, which are reduced proportionately, are established by the Dean, Enrollment Management. Changes from Credit/No Credit to traditional grade status are permitted through the last class day to withdraw from classes.

Limits. A student may take a maximum of 12 semester hours of undergraduate course work Credit/No Credit. Courses offered on Credit/No Credit basis only, as well as one physical education course per semester or term, are not counted against the above limits.

Courses Excluded*:

- English 0990, 0995;
- University Foundations 1111;
- General Education courses;
- Professional education courses including departmental methods courses required in teacher certification programs;
- Any course which qualifies as being applicable toward fulfillment of a given major or in the determination of the GPA in a given major, as specified in the major requirement description in the catalog, irrespective of whether a student wishes to apply the course to the major or is taking it as an elective. (This exclusion is also applicable to minors.)

(*Does not apply to courses offered only on Credit/No Credit basis.)

DECLARING A MAJOR

If an undergraduate is listed as undeclared and wants to declare a major, he/she must do so at the Academic Advising and Learning Assistance Center (Ninth Street Hall).

If an undergraduate is presently a declared major in another department and wants to change that major or declare a second major, he/she must fill out the appropriate cards in the Registration Office, south basement of McAfee.

HONORS PROGRAMS

EIU offers the academically talented student the opportunity to take part in two honors programs: University Honors, a lower-division program; and Departmental Honors, an upper-division program. Both University and Departmental Honors Programs offer students of superior academic ability a unique opportunity to develop their potential for intellectual achievement. These programs are intended to aid students in developing such qualities as independence of mind by undertaking an enriched curriculum which provides in-depth studies.

University Honors

The University Honors Program is designed for those who begin as freshmen at Eastern. It provides Honors sections of required General Education courses and upper division colloquia. Students must take a minimum of 25 hours in Honors courses which will substitute on a one-for-one basis for current General Education courses.

Departmental Honors

The Departmental Honors Program permits all eligible students, including transfer students, to participate in this division of the Honors Programs. All Departmental Honors Programs require a minimum of 12 hours of Departmental Honors credit. A senior thesis written under the supervision of Honors faculty is required.

Eligibility

University and Departmental Honors Programs may be open to students who meet at least two of the following criteria:

- ACT composite of 26 or higher, or SAT (combined Math and Verbal) of 1100 or higher.
- Upper 10% of high school graduating class.
- A 3.5 GPA (on a four-point scale) for at least 12 hours of course work undertaken at EIU.

The permission of the Director of Honors Programs is necessary for admission to University Honors. Admission to Departmental Honors Program requires permission of both the Director of Honors Programs and the Departmental Honors Coordinator.

Grading

Honors faculty grade students against norms established in regular classes. As a result of this arrangement, students will not be penalized for taking classes with other talented students. Further, the intellectual stimulation of excellent teachers and outstanding classmates, together with smaller classes, tends to be reflected in good grades.

Scholarships

Outstanding participants in the Honors Programs may be awarded scholarships, tuition waivers or housing waivers in recognition of their scholastic abilities.

Housing

McKinney, Ford, and Pemberton Halls have been designated as Honors Halls. Honors students who wish to surround themselves with other academically superior students, in an atmosphere conducive to learning, may request these halls.

Honors Study Abroad

Students may apply for Honors Study Abroad opportunities. Classes taken as part of the Honors Study Abroad Program help fulfill University Honors requirements as well as general education obligations.

CLASSIFICATION OF STUDENTS

Undergraduate students are classified as follows:

Freshmen	0-29 semester hours
Sophomores	30-59 semester hours
Juniors.....	60-89 semester hours
Seniors	90 and above semester hours

Graduate students are those students who have completed a bachelor's degree at an accredited institution.

ACADEMIC STANDING

Grades

The grades given in courses are as follows:

Grade	Description	Value
A	Excellent	4
B	Good	3
C	Average	2

D	Poor but Passed	1
F	Failed	0
CR	Credit	--
NC	No Credit	--
AU	Audit	--
I	Incomplete	--
W	Withdraw-- No Grade	--
WP	Withdraw-- Passing	--
WF	Withdraw-- Failing	--
X	No Grade Submitted	--

Policy on Incomplete Grades

If illness or emergency prevents a student from finishing a course, the student may request an Incomplete from the instructor. Students who receive the mark of Incomplete must consult the instructor as soon as possible to make arrangements for the completion of the course requirements. An incomplete must be completed no later than the last day of the subsequent academic term (FA, SP or SU). If the work is not made up when due, the mark of "I" will revert to the alternate grade that the instructor has assigned. Both the "I" and the alternate grade the Records Office is authorized to enter on the student's record are to be reported at the time the "I" is assigned.

An "I" indicates the student has completed a major portion of the course work in a satisfactory manner, but a portion of the course requirements remains to be completed when the illness or emergency occurred. The student must complete the work so that the instructor of the course may report the final mark at the earliest possible time but no later than three days prior to the closing date of the subsequent academic term (FA, SP, or SU). In the event the instructor of record is not available, the chairperson is responsible for establishing the grade.

Under extenuating circumstances a waiver may be used to extend the deadline for removal/change of an Incomplete ("I") grade by one semester when approved by the department chairperson with the consent of the instructor. Requests for extensions beyond one semester may be granted only by action of the Undergraduate Academic Waiver Appeals Committee (AWAC).

Grade Appeals

Requests to change assigned grades and grade appeals must be initiated by the student through the appropriate instructor no later than the end of the first four weeks of the next grading period in which the student is enrolled.

Basis for Grade Appeals. The bases for an appeal of suspected error in grading are:

1. An obvious error in the calculation of the grade.
2. The assignment of a grade to a particular student by application of more exacting or demanding standards than were applied to other students in the course.
3. The assignment of a grade to a particular student on some basis other than performance in the course.
4. The assignment of a grade by a substantial departure from the instructor's previously announced standards.

This appeal procedure is not to be used for a review of the judgment of an instructor in assessing the quality of a student's work.

All aspects of the grade appeals procedure will be conducted with confidentiality to protect both student and faculty member.

The student must initiate the appeal process by contacting and conferring with the faculty member who gave the contested grade within the first four weeks of the next semester or term in which the student is enrolled. If the student is no longer enrolled at the University, he/she has one calendar year in which to initiate appeal of the contested grade. If the faculty member is not available, the student shall contact and confer with the Department Chair. The Chairperson will provide information to the student to facilitate completion of the grade appeal process.

Grade Point Average¹

The number of grade points for a grade in a given course is found by multiplying the grade-point value by the number of semester hours which may be earned in the course. The cumulative grade-point average is computed by dividing the total number of grade points which a student has earned in all courses taken at EIU by the total number of semester hours represented by those courses (excluding courses in which a student has grades of "I", "CR", "NC", "W", "WF", "WP", "AU", or "X").

A student reinstated following academic dismissal has the same cumulative GPA status as he/she had at the time of dismissal.

¹An example of these computations: If grades of A, B, C, D, and F are earned in courses of 2, 3, 4, 1, and 3 semester hours respectively, the grade-point average is computed as follows: Grade A, 2 semester hours yields a grade-point total of 8; grade B, 3 semester hours yields a grade-point total of 9; grade C, 4 semester hours yields a grade-point total of 8; grade D, 1 semester hour yields 1 grade point; grade F, 3 semester hours yields no grade points; and the grand totals are 26 grade points for 13 semester hours. The GPA is then $26 \div 13 = 2.00$.

Definition of Grading Period

Any semester or summer term in which a student registers in the University and remains beyond the day on which the official count is taken will be considered a grading period attended.

Good Standing

A student whose cumulative GPA is at least 2.00 in courses taken at this University is in academic good standing.

Dean's List

The top 10% of each college with a GPA of 3.50 or above in a semester will be on the Dean's List. In order to be eligible, the student must complete at least 12 semester hours during a semester of courses not graded Credit/No Credit and have a declared major.

Honors List

The top 10% of all undeclared majors with a GPA of 3.50 or above in a semester will be on the Honors List. In order to be eligible, the student must complete at least 12 semester hours of courses not graded Credit/No Credit.

Dean's Lists and Honors Lists are not generated for Summer Terms.
Note: The calculation of GPA for honors determination will be based only on work taken at EIU.

Academic Warning/Probation/Dismissal

The following rules apply to students as soon as they attempt at least nine semester hours of academic courses at EIU. Students who attempted less than nine semester hours prior to Fall 1985 and who were on Probation will be governed by these rules.

Academic Warning

If, at the end of a grading period (semester or summer term), a student's cumulative GPA in courses taken at the University falls below 2.00, but not so low as to warrant academic dismissal, that student will be placed on academic warning.

Academic Probation

If, at the end of a grading period (semester or summer term) on academic warning, a student's cumulative GPA in courses taken at the University is still below 2.00, but not so low as to warrant academic dismissal, that student will be placed on academic probation.

A student on academic probation must achieve the following grading period GPA each grading period until good academic standing is reached or he/she will be academically dismissed:

- Freshmen and sophomores MUST earn a minimum GPA of 2.10.
- Juniors and seniors MUST earn a minimum GPA of 2.25.

Academic Dismissal

A student will be academically dismissed if:

- at the end of **any** grading period the student's GPA is 0.00 and the cumulative GPA is below 2.00; or
- at the end of **any** grading period the student on academic probation fails to make satisfactory academic progress toward good academic standing as defined under Academic Probation.

Reinstatement Following Academic Dismissal

Students dismissed for poor scholarship must remain out of the University for at least one regular semester. After the inactive semester, students dismissed for the first time will be automatically eligible for reinstatement and may re-enter the University at the beginning of a fall or spring semester provided they indicate their intentions to do so prior to established deadlines and have the required GPA from any other institutions they have attended. Students dismissed for poor scholarship will not be allowed to re-enter during a summer term. Any student dismissed from EIU for academic reasons must enroll in General Studies 1000 during the term in which he or she re-enters the University as a condition of reinstatement. Reinstated students re-enter the University with the cumulative GPA they had upon dismissal and are placed on academic probation. This probationary status will continue so long as the student satisfies the conditions specified in the section on "Academic Probation." Students failing to make satisfactory progress are dismissed and may not be reinstated a second time except by approval of the Academic Reinstatement Committee.

GPA and Intercollegiate Activities

A student must have a cumulative GPA of 2.00 or better to participate in intercollegiate activities. Consequently, a student who is on academic probation is not eligible for such participation. This exclusion does not apply to a student on academic warning who has attempted fewer than 30 semester hours at EIU.

Academic Integrity

It is assumed that students will honor the tradition of academic honesty. Should incidents of suspected classroom cheating or plagiarism occur, however, the following steps will be taken:

1. The instructor who has witnessed academic dishonesty or who has other evidence that academic dishonesty has occurred will confront the student to inform him/her of the allegation. Time permitting, the instructor will contact the Judicial Affairs Office prior to talking with the student. If the student admits the violation, the instructor will assess an appropriate academic penalty and will inform the Judicial Affairs Office using an Academic Misconduct Incident Report form.
2. If the student disputes the allegation, or if a sanction greater than a failing grade for the course is warranted, a hearing will be provided by the Judicial Affairs Office in accordance with provisions of the Student Conduct Code. If as a result of the hearing the student is found responsible for the violation, the instructor will assess an appropriate academic penalty. Other sanctions such as disciplinary probationary status or separation from the institution can be imposed by the University's disciplinary system. Full conditions and explanations are cited in the Student Conduct Code. A student accused of academic dishonesty in a course may not drop the course until such time as disciplinary action, if any, is concluded. A grade (A, B, C, D, F, CR, NC, AU, I, W, WP, WF, X) may be changed to reflect the disciplinary sanction, if any, imposed as a result of academic dishonesty. In the event that the alleged violation occurs at the end of a term, no grade shall be assigned pending conclusion of the disciplinary process. There is a Student Conduct Code and all students are subject to it.

Academic Load

For purposes of certifying that a student is full time *academically*, such student must be enrolled for at least 12 semester hours each semester and during the summer term.

For loan deferments, a student must be enrolled in 12 semester hours during Summer Term for full-time or six semester hours for half time.

Undergraduate Student in Good Standing

Normal Load: The normal load during a semester is 15-18 semester hours.

Maximum Load--Student Teaching Semester: Students may enroll for no more than 15 semester hours during the semester in which they student teach except Special Education, Early Childhood Education majors, Early Childhood majors with dual certification in Elementary Education, and Family and Consumer Sciences majors, who may enroll for a maximum of 17 semester hours.

Summer Term: The normal load for summer term is 15-18 hours. The maximum load is 18 hours. Students may enroll for no more than six hours during any four-week session including the four-week intersession. Students may enroll for no more than 12 hours when taking courses concurrently during the eight-week session and the two four-week sessions. Thus, a student may enroll for a maximum of six hours during the intersession and up to a maximum of 12 hours during the eight-week summer session. Overloads are not permitted during the summer term.

Semester Overload: An undergraduate student with a minimum of sophomore standing may enroll for up to and including 21 semester hours during the fall or spring semesters providing he/she has earned the following cumulative grade-point average at EIU:

Freshman	No overload
Sophomore	3.00
Junior	2.75
Senior	2.50
Senior with less than 2.50	permission of the dean of the appropriate college.

No student may enroll for more than 21 semester hours.

Concurrent Enrollment. The above academic load limits also apply to a student who is concurrently enrolled at Eastern and another college or university.

Undergraduate Student on Academic Warning or Academic Probation: The maximum load for which an undergraduate student on academic warning or academic probation may enroll is 15 hours during a semester or summer term.

An undergraduate student on academic warning or academic probation may enroll for no more than 12 hours during the eight-week summer session and the two concurrent four-week sessions. The student may enroll for no more than three semester hours during either four-week session. The student may enroll in no more than three semester hours during intersession.

Course Enrollment

A student may not enroll in, take a proficiency examination in, or repeat a course which is prerequisite for a course for which he/she has credit or which substantially duplicates, at a lower level, a course or courses which he/she has successfully completed. Should a student violate this regulation, he/she will not receive credit for the course toward graduation and the grade will not be included in any grade point computations.

Generally, courses numbered 1000-1999 are freshman courses; 2000-2999, sophomore courses; 3000-3999, junior courses; 4000-4999, senior courses; and 5000-6999, graduate courses. However, if prerequisites are met, students may enroll according to the following schedule:

CLASS	COURSES NUMBERED			
Freshman	1000	2000	a	a
Sophomore	1000	2000	3000	a
Junior	1000	2000	3000	4000
Senior	1000	2000	3000	4000
		5000-5499b		
Graduate	4750-4999	5000-6999		

- a) Courses numbered 3000-4999 in chemistry, foreign languages, mathematics, and military science may be taken by students who have prerequisites and permission of the department chairperson.
- b) Courses numbered 5000-5499 may be taken by students who have a 2.75 GPA and permission of instructor and Dean of the Graduate School.

Auditing of Courses

Fees for auditing are the same as those for students taking an equivalent amount of work for credit.

Students enrolled for full-time academic work must include any courses they wish to audit as part of the maximum load permitted them; change of enrollment from "audit" to "credit" or from "credit" to "audit" may be made only during the six calendar days following the first day of classes.

Students must have the approval of the instructor for auditing a course. If, in the opinion of the instructor, student exposure and effort expended in the course deserve the entry of Audit, the student will receive the course entry "AU" on his/her permanent record. If not, no entry will be made.

Class Attendance

Students are expected to attend class meetings as scheduled. When an absence does occur, the student is responsible for the material covered during the absence. When possible, the student should notify the instructor in advance of an anticipated absence.

Instructors will grant make-up privileges (when make-up is possible) to students for properly verified absences due to illness, emergency, or participation in an official University activity; and such absences will not militate against students in classes in which attendance is used directly in determining final grades. It is the student's responsibility to initiate plans for make-up work and to complete it promptly. If in the instructor's judgment the duration or number of absences renders make-up unfeasible, the instructor may contact the Vice President for Student Affairs and the Department Chairperson to determine an appropriate action.

Except for the above stipulations, each instructor sets his or her own policy with respect to class attendance and make-up work; excuses for absence are handled between the instructor and the student. At the beginning of each grading period, the instructor shall announce, in writing, his or her policy regarding absence, make-up, and late work. Instructors planning to use attendance directly in determining final grades must have written departmental approval and must indicate this intention and the reason, in writing, on the first day of class.

If the instructor believes verification of an illness treated by the University Health Service is warranted, the instructor must ask the student to sign a release at the Health Service so that the instructor can call for verification. If a student establishes a record or pattern of absences of concern to the instructor, the instructor may ask the Vice President for Student Affairs to make inquiries concerning the absences. The Vice President for Student Affairs also serves as the University contact person when catastrophic events result in extended student absences.

Any student who feels that he or she has been treated unfairly concerning absences or has been misinformed by a faculty member regarding that instructor's absence policy shall have the right to appeal through the department Chairperson, or in the event the instructor is the Chairperson, through the appropriate Dean.

Field Trips

Field trips which are required class activities are stated with the course description and announced in the class schedule when the course is offered. The cost of the field trip will also be included in the class schedule.

Final Examination Changes

The final examination schedule is published in the Class Schedule prior to the beginning of each term. Students are urged to review the schedule prior to registration to avoid conflicts.

Students with three final examinations on a single day may change the date of one of the final examinations with the approval of the instructor. Requests must be made at least five working days prior to the first final exam period. Requests for changes for medical or personal emergencies may also be considered. In cases not resolved between the student and the instructor, the Department Chair will seek resolution.

Repeating Courses

All Students

Unless otherwise stipulated in the catalog description, only courses in which grades of D, F, or NC (NOT A, B, C, or CR) were received may be repeated. A student who receives a grade of D or F in an undergraduate course may repeat the course. The higher of the two grades received for the course will automatically be included in the computation of the cumulative GPA. The initial grade and the repeat grade will appear on the student's record. Grades for subsequent repeats of a course will both appear on the student's record and be included in the computation of the cumulative GPA.

The student must not have been enrolled in or received credit for a higher level course for which the repeat course is a prerequisite, nor may he/she repeat a course which substantially duplicates, at a lower level, a course or courses which he/she has already successfully completed.

Withdrawal From A Course

1. During a Fall or Spring Semester, a student may withdraw from a course by 4 p.m. on the 10th class day and not receive a grade.
2. From the 11th class day until the close of business on the Friday of the ninth class week of the semester, a student may withdraw from a course with a grade of "W."
3. A student who withdraws after the Friday of the ninth class week but by the Friday of the 11th class week of the semester shall receive a grade of "WP" if work in the course is passing, or a grade of "WF" if work in the course is failing. No student may initiate withdrawal from a course later than the Friday of the 11th class week of the semester. Cutoff dates for intersession and summer terms are reduced proportionately. Specific withdrawal dates are established for each term. These dates are published in the class schedule for the appropriate term.

For information regarding the billing of tuition and fees, see the REFUNDS section of this catalog.

Withdrawal From The University

Rules governing grading practices upon withdrawal from the University are the same as those listed above for withdrawal from a course. For information regarding the billing of tuition and fees, see the REFUNDS section of this catalog.

A student who wishes to withdraw completely from the University before the end of a semester or summer term should contact the Registration Office. The Registration Office shall notify appropriate departments and agencies of the withdrawal. The student is responsible for making sure all obligations to the University have been met.

Notice of intention to withdraw should be made in person, although a letter addressed to the Registration Office declaring intention to withdraw and postmarked within the stated period, is deemed equivalent to notice submitted personally.

Policies governing withdrawal because of a call to active military duty are administered by the Dean, Enrollment Management. Requests for complete withdrawal for medical reasons are processed by the Medical Director, University Health Service. Given appropriate

clinical circumstances, the Counseling Center will assist students in obtaining a medical withdrawal for psychological reasons.

COMMENCEMENT

Degrees are granted at the close of the Fall and Spring Semesters. Students entitled to participate in commencement exercises are only those whose current enrollment in correspondence, continuing education, and residence at this University or elsewhere makes possible the completion of all graduation requirements by the close of the semester in which commencement is held. Participation in graduation ceremonies does not obligate the University to confer a degree unless all requirements have been satisfactorily completed.

Application for Degree Requirements

Review

Students should apply for review of their degree requirements by the first semester of the junior year. A student may expect to receive a Degree Requirements Review, indicating the student's progress toward completion of degree requirements. Application forms are available in the certifying dean's office. The application form is completed by the student, approved by the certifying dean, and validated by the Cashier when the non-refundable graduation fee is paid.

Completion of Graduation Requirements

All requirements for degrees must have been completed by the close of the grading period in which graduation is sought. It is the student's responsibility to notify the Records Office and the certifying dean of any courses being taken at other institutions which will complete the requirements for graduation. Documentary evidence that all degree requirements have been completed must be in the Records Office no later than the Friday immediately preceding the first day of the next succeeding semester or term following the Summer Term or Fall Semester graduation and no later than May 31 following Spring Semester graduation. The diploma will not be given to the student and the conferral of the degree will not be recorded on the student's permanent record until all such documents have been received.

If the student does not complete graduation requirements at the end of the grading period, he/she must make re-application for graduation. No additional fees will be charged.

The deadline date for applying for graduation is listed in the calendar in the University Catalogs and/or class schedules.

Degrees with Distinction

To be eligible for a degree with distinction, a student must have completed at least 56 semester hours of course work at EIU, including at least 40 semester hours of graded courses (exclusive of work taken on the Credit/No Credit Option). The 56 semester hours at EIU and the 40 semester hours of graded courses may not be waived.

Eligible students who have a cumulative grade-point average of 3.90 to 4.00 are graduated **summa cum laude**; those with a cumulative grade-point average of 3.80 through 3.89 are graduated **magna cum laude**; and those with a cumulative grade-point average of 3.65 through 3.79 are graduated **cum laude**. Students who qualify for degrees with distinction wear an appropriate chevron as part of their academic attire at commencement and their names appear in the commencement program as being awarded Degrees with Distinction. All grades earned at EIU are counted in computing the cumulative GPA. Grades earned during the final grading period are not used for compiling the tentative list developed for commencement. Transcript notations of graduating **cum laude**, **magna cum laude**, and **summa cum laude** are based on the student's total cumulative grade-point average, including the final grading period.

Note: The calculation of GPA for degrees with distinction will be based only on work taken at EIU.

Graduation Fee

The graduation fee for the bachelor's degree is \$15. This fee must be paid at the time the student initially applies for a Degree Requirements Review (see above) and does not include the cost of cap and gown rental.

Special Examinations

Students may be required to take one or more of the following examinations:

1. All students in teacher certification programs are required to take the Illinois Certification Testing System (ICTS) of basic skills and competency. Students are required to pass this test for Formal University Admission to Teacher Education.
2. All students in teacher certification programs are also required to take the ICTS subject-area examination as follows:
 - Early Childhood majors should take the "02 Early Childhood" examination.
 - Elementary Education majors (General and Middle School Options) should take the "03 Elementary" examination.
 - Middle Level Education majors should take the examination corresponding to their Field I subject area.
 - Special Education majors should take the examination corresponding to their student teaching assignments, with the noted exception that there is no test for Early Childhood Special Education.
 - Students with majors in a secondary education program should take the examination in their particular subject area.
3. Undergraduates may be required to complete an examination as part of Eastern's goal to assess student learning outcomes.
4. Students who plan on attending graduate school are encouraged to contact the Graduate School Office for information concerning graduate school admission tests (GRE, GMAT, MAT, etc.)

Teacher Certification

Candidates for certification as teachers, administrators, or school service personnel should apply for certification early in the term in which they will complete their requirements. The University, however, will not approve and release the application until all work actually has been completed and the student has met all requirements of the appropriate program and degree.

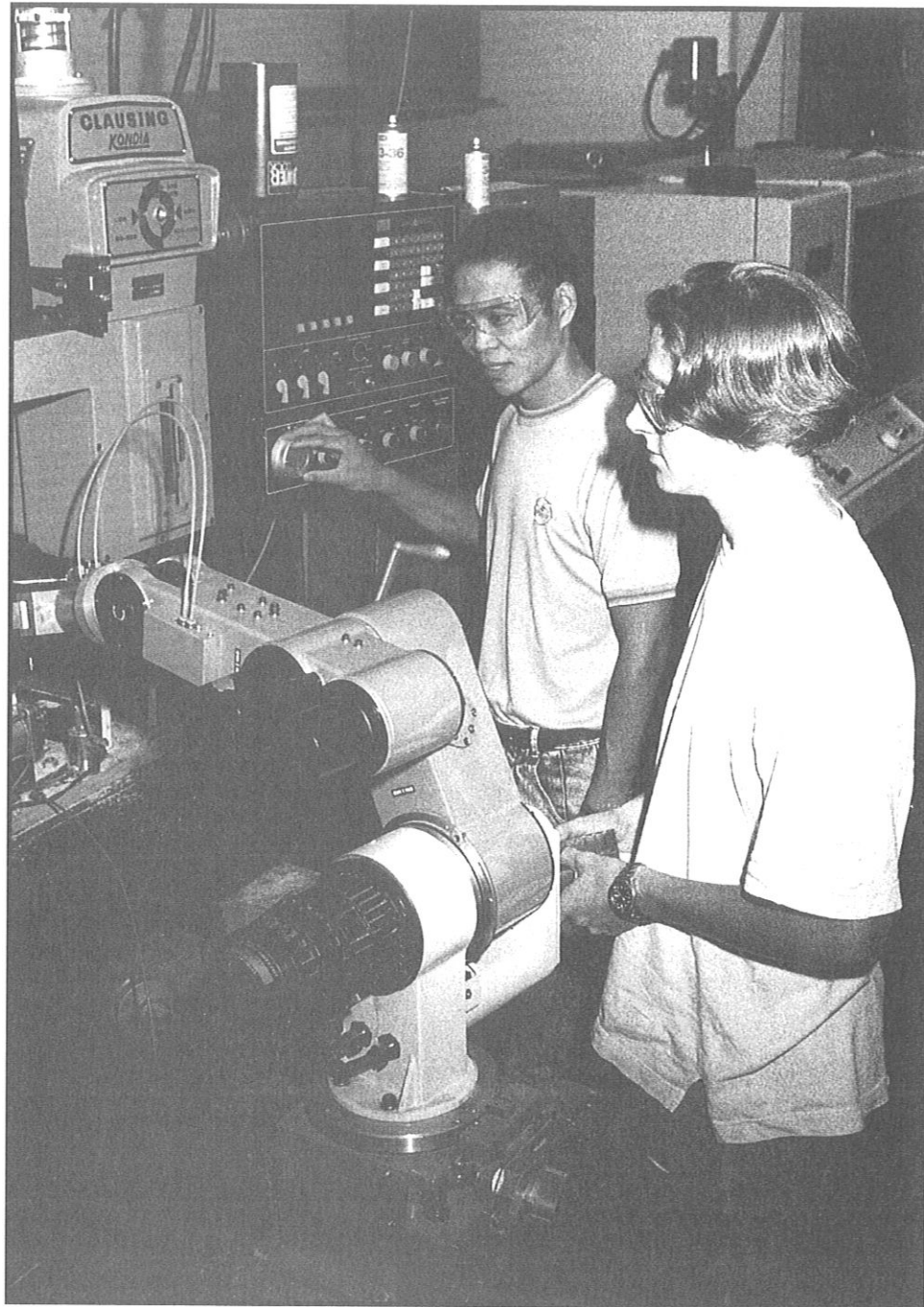
Transcripts

The Records Office will make a transcript of the academic record of a student when requested to do so. Unless specific instructions are given to the contrary, it is understood that the Records Office has permission of the student to send his/her transcript to employing and certifying agencies, such as schools, boards of education, businesses, and the state department of education, when such an agency requests it.

All requests for transcripts must be in writing, either by letter or on the request form supplied by the Records Office. The time required for preparation and mailing of transcripts varies; during enrollment and at the end of grading periods there may be a delay of several days.

A fee of \$4 is charged for each transcript issued. The fee for rush transcripts, processed within 24 hours, is \$10.00. Transcripts will be issued only for students whose records are clear.

GENERAL EDUCATION



Learning by doing,

GENERAL EDUCATION AT EIU

Responsible Global Citizenship through Mindful Scholarship

General Education at Eastern Illinois University offers students an intellectual foundation for their future academic, professional, and personal lives. Mindful scholarship necessitates not only dedicated study but also reflection on the purposes and consequences of that study. By fostering serious and enthusiastic learning, Eastern Illinois University seeks to instill the value of intellectual curiosity and lifelong education in its students. Equipped with the values and traditions of scholarship, students will be better prepared to fulfill their duties as responsible citizens and capable leaders in a diverse world.

The mission of the General Education program at Eastern Illinois University is three-fold:

- to enhance student literacy and oral communication
- to encourage students to think critically and reflectively
- to introduce students to knowledge central to responsible global citizenship

Enhancing Literacy and Oral Communication

Mindful scholarship requires that students listen and read critically as well as write and speak clearly and effectively. Additionally, functioning in a global society requires an appreciation of communication within and among cultures through both the written and spoken word. Therefore, a foundation for further exploration within the general education curriculum, for study in one's major area, and for developing a successful career, requires both course work in and assessment of written and oral communication skills.

Critical and Reflective Thinking

Mindful scholars engage in a process of critical thinking learned through study in the traditional disciplines: physical and biological sciences, social and behavioral sciences, and humanities and fine arts. Developing analytical thinking skills and working in the modern world require knowledge of mathematics. Additionally, study in any of the sciences requires mathematical skills. Consequently, the general education program requires one course from a select group in that discipline.

In physical and biological science courses, students experience the rigor and practice of scientific inquiry through classroom and laboratory experiences. They learn to consider analytically the methods of describing, predicting, understanding, and explaining physical and biological phenomena. In these courses, students confront the social, economic, political, and ethical implications of science and technology as well as the dilemmas they create.

The social and behavioral sciences focus more directly on understanding society and the individual. In these courses, students will have the opportunity to apply various methods of inquiry and analysis, both quantitative and qualitative, to the study of the human condition. These sciences emphasize the importance of understanding the diversity of human cultures, their socio-historical context, and one's personal responsibility for being not only a good citizen, but also a steward of the environment.

The humanities provide sources and methods for reflection upon human experience in its historical, literary, philosophical, and religious dimensions. The basis of instruction in these disciplines is primarily the interpretation and critical analysis of written texts. The goal of humanities courses is to provide students with the foundations and methods necessary for a critical understanding of languages, cultures, and traditions, including those that are different from their own.

Courses in the fine arts provide students with a basis for understanding and evaluating musical, theatrical, and visual works in terms of their production and aesthetic reception. In these areas students learn to apply historical, philosophical, and critical concepts

to specific works and genres. The goal of instruction in the fine arts is to provide students with the foundations and methods necessary for a critical appreciation of various artistic and aesthetic traditions, as well as the evaluation of particular musical, theatrical, or visual works.

In the general education program students explore the variety of ways of knowing through the disciplinary foundations of a liberal arts education. These courses help students become more mindful of the relationships among self, society, and the environment. Such preparation is vital as society becomes more complex, interdependent, and reflective of diversity. Collectively, the courses in general education encourage students to develop critical and reflective thinking as an intellectual habit.

Responsible Global Citizenship

The general education curriculum is also designed to develop and strengthen those attitudes and behaviors integral to responsible global citizenship—ethical behavior, civic participation, an understanding of history, and an appreciation of diversity both at home and abroad. Responsible citizens not only comprehend world-shaping forces and events and the varied experiences that have shaped human culture, but also use that understanding to make informed, objective, and ethical decisions. They understand their responsibility as educated members of society and actively participate in their communities. Finally, responsible global citizens appreciate the diversity of the world in which they work and live. As part of their general education program, all students are required to complete a course with a focus on cultural diversity.

Writing Across the General Education Curriculum

All of Eastern's general education courses require writing. Four of these courses--English 1001G and 1002G and their honors equivalents, 1091G and 1092G--are writing-centered. In these courses students learn the principles and the process of writing in all of its stages, from inception to completion. The quality of students' writing is the principal determinant of the course grade. The minimum writing requirement is 20 pages (5,000 words).

Other general education courses, including all senior seminars, are writing-intensive. In such courses several writing assignments and writing activities are required. These assignments and activities, which are to be spread over the course of the semester, serve the dual purpose of strengthening writing skills and deepening understanding of course content. At least one writing assignment is to be revised by the student after it has been read and commented on by the instructor. In writing-intensive courses the quality of students' writing should constitute no less than 35% of the final course grade.

Remaining general education courses are writing-active. In writing-active courses, frequent, brief writing activities and assignments are required. Such activities -- some of which are to be graded -- might include five-minute in-class writing assignments, journal keeping, lab reports, essay examinations, short papers, longer papers, or a variety of other writing-to-learn activities of the instructor's invention. Writing assignments and activities in writing-active courses are designed primarily to assist students in mastering course content, secondarily to strengthen students' writing skills.

Assessment and General Education

The General Education program is constantly undergoing assessment by the faculty who participate in it. The Committee for the Assessment of Student Learning (CASL) coordinates these activities and provides recommendations to the Council on Academic Affairs relative to student learning in the program,

Semester Hour Requirements in the General Education Program

Humanities and Fine Arts	9 hours
Language	9 hours
Mathematics	3 hours
Scientific Awareness	7 hours
Senior Seminar	3 hours
Social and Behavioral Sciences	9 hours
TOTAL	40 hours*

* Please see Section V of this Catalog, "Academic Regulations and Requirements," for the complete list of requirements for graduation.

General Education Courses Listed by Segment

Students are required to complete a course with a focus on cultural diversity; these courses are marked by an asterisk. Complete descriptions of all courses are available in Section XI.

Humanities and Fine Arts

(9 Semester Hours)

The student must successfully complete at least one course from humanities and one from fine arts; courses must represent at least two different disciplines.

Humanities English

- ENG 2009G - Literature and Human Values 1,2,3,4. (3-0-3)
- ENG 2011G - Literature, the Self, and the World 1,2,3. (3-0-3)
- ENG 2091G - Literature, the Self, and the World 1,2,3, Honors. (3-0-3)
- ENG 2099G - Literature and Human Values 1,2,3,4, Honors. (3-0-3)
- *ENG 3009G - Myth and Culture. (3-0-3)
- ENG 3010G - Literary Masterworks. (3-0-3)
- ENG 3090G - Literary Masterworks, Honors. (3-0-3)
- *ENG 3099G - Myth and Culture, Honors. (3-0-3)
- *ENG 3100G - Cultural Foundations I. (3-0-3)
- *ENG 3110G - Cultural Foundations II. (3-0-3)

Foreign Language

- *FLE 2061G - German Literature in Translation. (3-0-3)
- *FLE 2062G - Hispanic Literature in Translation. (3-0-3)
- *FLE 2063G - Francophone Literature in Translation. (3-0-3)
- *FLG/FLF/FLL/FLS 2201G - Intermediate (French, German, Latin, Spanish) I. (4-0-4)
- *FLG/FLF/FLL/FLS 2202G - Intermediate (French, German, Latin, Spanish) II. (4-0-4)

History

- *HIS 1500G - Roots of the Modern World, 1, 2, 3. (3-0-3)
- *HIS 1590G - Roots of the Modern World, 1, 2, 3, Honors. (3-0-3)

Philosophy

- PHI 1000G - Introduction to Philosophy. (3-0-3)
- PHI 1090G - Introduction to Philosophy, Honors. (3-0-3)
- PHI 1900G - Logical and Critical Reasoning. (3-0-3)
- PHI 1990G - Logical and Critical Reasoning, Honors. (3-0-3)
- *PHI 3100G - Cultural Foundations I. (3-0-3)
- *PHI 3110G - Cultural Foundations II. (3-0-3)

Fine Arts

Art

- *ART 2012G - Non-Western Fine Arts. (3-0-3)
- ART 2310G - Introduction to Art. (1-4-3)
- ART 2330G - Art Appreciation. (3-0-3)
- ART 2601G - History of Art I. (3-0-3)
- ART 2602G - History of Art II. (3-0-3)
- ART 2691G - History of Art I, Honors. (3-0-3)
- ART 2692G - History of Art II, Honors. (3-0-3)
- *ART 3340G - Multicultural Aesthetics. (1-4-3)
- *ART 3610G - African Art. (3-0-3)

Music

- MUS 2555G - Interacting with Music. (3-0-3)
- MUS 2557G - The Evolution of Jazz & Rock. (3-0-3)
- MUS 3550G - Survey of American Music. (3-0-3)
- MUS 3553G - Survey of Music Masterworks. (3-0-3)
- *MUS 3562G - Non-Western Music. (3-0-3)
- *MUS 3592G - Non-Western Music, Honors. (3-0-3)
- MUS 3593G - Survey of Music Masterworks, Honors. (3-0-3)

Physical Education

- PED 2900G - International Expression for Dance. (3-0-3)

Theatre Arts

- THA 2010G - Arts Omnibus. (2-2-3)
- *THA 2012G - Non-Western Fine Arts. (3-0-3)
- *THA 2140G - Introduction to the Theatre. (3-0-3)
- THA 2190G - Introduction to the Theatre, Honors. (3-0-3)
- *THA 3751G - Theatre and Civilization I. (3-0-3)
- *THA 3752G - Theatre and Civilization II. (3-0-3)
- THA 3753G - Development of American Theatre and Drama. (3-0-3)
- THA 3754G - American Theatre on Film. (3-1-3)
- *THA 3755G - African-American Theatre. (3-0-3)
- THA 3793G - Development of American Theatre and Drama, Honors. (3-0-3)

Language

(9 Semester Hours)

The requirement is three courses: two in reading and writing and one in listening and speaking. These courses are graded A, B, C, N/C; courses transferred in fulfillment of these requirements will be accepted only if they were completed with grades of "C" or higher.

Note: A grade of "C" or better in English 1001G, English 1002G, and Speech Communication 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a General Education requirement.

English

- ENG 1001G - Composition and Language. (3-0-3)
- ENG 1002G - Composition and Literature. (3-0-3)
- ENG 1091G - Composition and Language, Honors. (3-0-3)
- ENG 1092G - Composition and Literature, Honors. (3-0-3)

Speech Communication

- SPC 1310G - Introduction to Speech Communication. (3-0-3)
- SPC 1390G - Introduction to Speech Communication, Honors. (3-0-3)

Mathematics

(3 Semester Hours)

Mathematics

- MAT 1160G - Mathematics: A Human Endeavor. (3-0-3)
- MAT 1170G - Problem Solving. (3-0-3)
- MAT 1440G - Calculus. (4-0-4)
- MAT 1441G - Calculus and Analytic Geometry I. (5-0-5)

MAT 2110G - Brief Calculus with Applications. (3-0-3)
 MAT 2120G - Finite Mathematics. (3-0-3)
 MAT 2190G - Finite Mathematics, Honors. (3-0-3)
 MAT 2250G - Elementary Statistics. (4-0-4)
 MAT 2290G - Elementary Statistics, Honors. (4-0-4)
 MAT 2420G - Introductory Geometry. (3-0-3)

Scientific Awareness

(7 Semester Hours)

The requirement is at least one course in the biological sciences and one in the physical sciences. At least one of the courses must be a laboratory course.

Biological Sciences

BIO 1001G - Biological Principles and Issues. (2-2-3)
 BIO 1002G - Practical Botany. (1-2-2)
 BIO 1003G - Life of Animals. (2-2-3)
 BIO 1004G - Practical Microbiology. (2-2-3)
 BIO 1091G - Biological Principles and Issues, Honors. (2-2-3)
 BIO 1092G - General Botany, Honors. (3-2-4)
 BIO 1093G - The Life of Animals, Honors. (2-2-3)
 BIO 1200G - General Botany. (3-3-4)
 BIO 1300G - Animal Diversity. (3-2-4)
 BIO 2001G - Human Physiology. (3-2-4)
 BIO 2091G - Human Physiology, Honors. (3-2-4)
 BIO 3001G - Heredity and Society. (2-0-2)
 BIO 3002G - Environmental Life Science. (3-0-3)
 BIO 3091G - Heredity and Society, Honors. (3-0-3)
 BIO 3092G - Environmental Life Science, Honors. (4-0-4)

Physical Sciences

Chemistry

CHM 1040G - The World of Chemistry. (3-2-4)
 CHM 1310G - General Chemistry I. (3-0-3)
 CHM 1315G - General Chemistry Laboratory I. (0-3-1)
 CHM 1390G - General Chemistry I, Honors. (3-0-3)
 CHM 1395G - General Chemistry Laboratory I, Honors. (0-3-1)
 CHM 2040G - Practical Chemistry. (3-0-3)

Earth Science

ESC 1300G - Introduction to Earth Sciences. (3-2-4)
 ESC 1390G - Introduction to Earth Sciences, Honors. (3-2-4)
 ESC 1400G - Weather and Climate. (3-2-4)
 ESC 1490G - Weather and Climate, Honors. (3-2-4)
 ESC 2450G - Oceanography. (3-0-3)
 ESC 3010G - Environmental Physical Science. (2-2-3)

Geology

GEL 1300G - Introduction to Earth Sciences. (3-2-4)
 GEL 1390G - Introduction to Earth Sciences, Honors. (3-2-4)
 GEL 2450G - Oceanography. (3-0-3)
 GEL 3010G - Environmental Physical Science. (2-2-3)
 GEL 3300G - Science and Technology: A Promise or a Threat? (3-0-3)

Industrial Technology

INT 2200G - Materials Science. (3-0-3)
 INT 3300G - Science and Technology: A Promise or a Threat? (3-0-3)

Physics

PHY 1051G - Physics of the Modern World. (3-0-3)
 PHY 1052G - Adventures in Physics. (3-0-3)
 PHY 1053G - Adventures in Physics Laboratory. (0-2-1)
 PHY 1055G - Principles of Astronomy. (3-0-3)
 PHY 1056G - Principles of Astronomy Laboratory. (0-2-1)
 PHY 1095G - Principles of Astronomy, Honors. (3-0-3)
 PHY 1096G - Principles of Astronomy Laboratory, Honors. (0-2-1)

PHY 1151G - Principles of Physics I. (3-0-3)
 PHY 1152G - Principles of Physics I Laboratory. (0-2-1)
 PHY 1351G - General Physics I. (3-0-3)
 PHY 1352G - General Physics I Laboratory. (0-3-1)
 PHY 1391G - General Physics I, Honors. (3-0-3)
 PHY 1392G - General Physics I Laboratory, Honors. (0-3-1)
 PHY 3050G - Excursions in Physics. (3-0-3)

Social and Behavioral Sciences

(9 Semester Hours)

Three of the nine hours must be taken from the constitution area; the remaining two courses must be selected from two different disciplines.

Social/Behavioral Sciences

Anthropology

*ANT 2200G - Introduction to Anthropology. (3-0-3)
 *ANT 2290G - Introduction to Anthropology, Honors. (3-0-3)

College of Sciences

*CSC 3001G - Survival of Humanity. (3-0-3)

Economics

*ECN 2800G - Economics of Social Issues. (3-0-3)
 ECN 2801G - Principles of Economics I. (3-0-3)
 ECN 2802G - Principles of Economics II. (3-0-3)
 ECN 2891G - Principles of Economics I, Honors. (3-0-3)
 ECN 2892G - Principles of Economics II, Honors. (3-0-3)

Geography

*GEG 1100G - Cultural Geography. (3-0-3)
 *GEG 1190G - Cultural Geography, Honors. (3-0-3)
 *GEG 1200G - World Regional Geography. (3-0-3)
 *GEG 1290G - World Regional Geography, Honors. (3-0-3)

History

HIS 3700G - Turning Points in the History of Religion and Science. (3-0-3)
 HIS 3790G - Turning Points in the History of Religion and Science, Honors. (3-0-3)

Philosophy

PHI 2500G - The Good Life: Theory and Practice. (3-0-3)
 PHI 2590G - The Good Life: Theory and Practice, Honors. (3-0-3)
 PHI 3050G - Social and Political Philosophy. (3-0-3)
 PHI 3700G - Language and Human Nature. (3-0-3)

Political Science

*PLS 2253G - Introduction to International Relations. (3-0-3)
 *PLS 2293G - Introduction to International Relations Honors. (3-0-3)

Psychology

PSY 1879G - Introductory Psychology. (3-0-3)
 PSY 1890G - Introductory of Psychology, Honors. (3-0-3)

Sociology

*SOC 2710G - Introductory Sociology. (3-0-3)
 *SOC 2750G - Social Problems in Contemporary Society. (3-0-3)
 *SOC 2890G - Social Problems in Contemporary Society, Honors. (3-0-3)

Women's Studies

*WST 2309G - Women, Men, and Culture. (3-0-3)

Constitution

History

HIS 3600G - The U.S. Constitution and Nation. (3-0-3)
 HIS 3690G - The U.S. Constitution and Nation, Honors. (3-0-3)

Political Science

PLS 1153G - American Government and the Constitution. (3-0-3)

PLS 1193G - American Government and the Constitution, Honors.
(3-0-3)**Senior Seminar***(3 Semester Hours)*

(To be taken after the student has completed 75 semester hours)

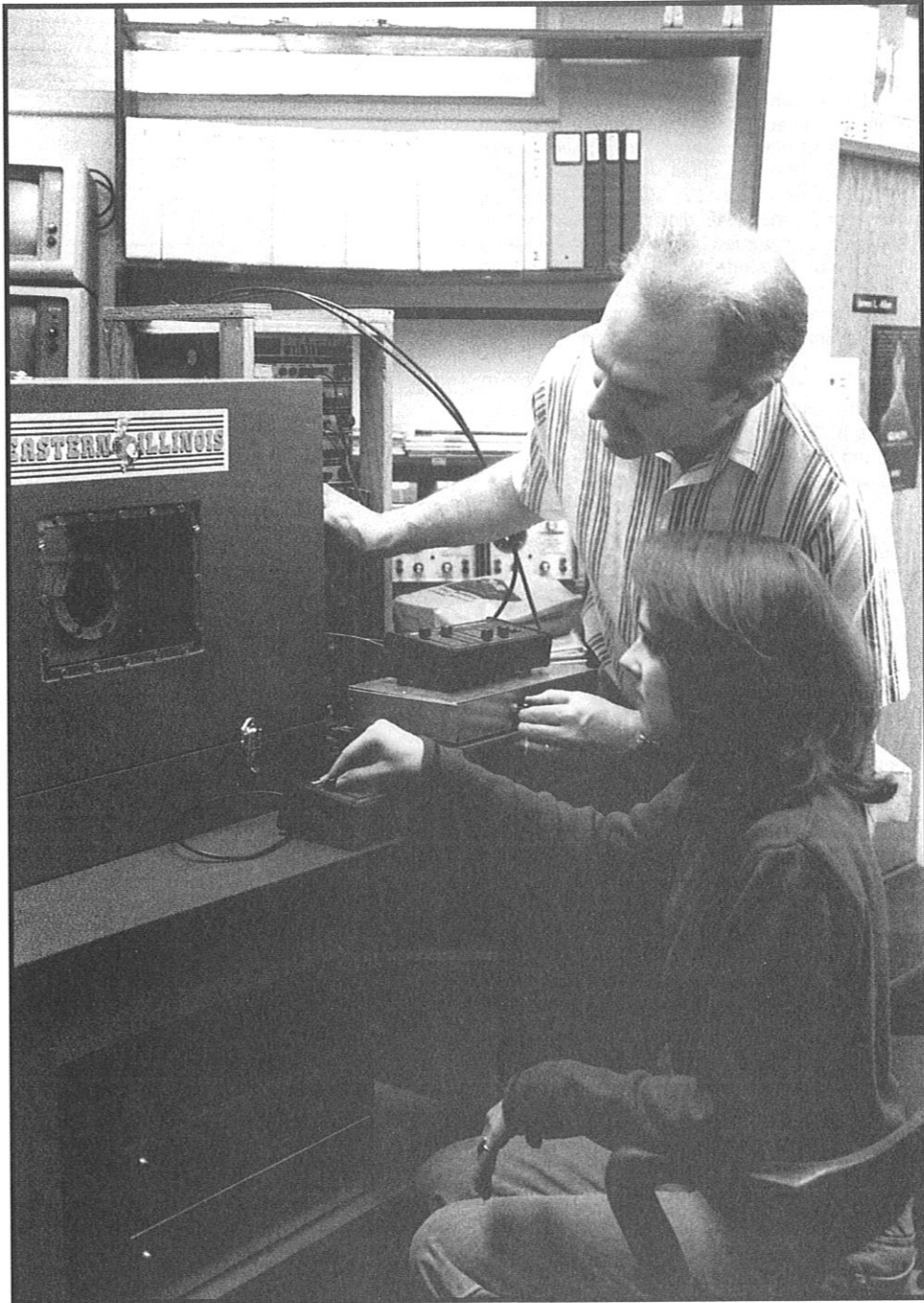
Senior seminars are offered in a number of subjects and disciplines each semester, each one organized around a particular subject/issue important to contemporary society. Each seminar is listed by title and instructor in the schedule of courses each semester. The student must successfully complete a seminar outside of his or her major.

The Senior Seminar at Eastern Illinois University is designed to be a cross-disciplinary culminating experience that will provide students with an opportunity to apply concepts and use skills developed in both their general education and major courses. Information about topics of major importance, e.g. the Holocaust, Social Movements, Women in Science, Technology, Controversies in Education, Sociobiology, etc. will be read, analyzed, discussed, and written about in a three semester-hour seminar led by a faculty member of a discipline different from those of the students. To allow ample time for writing and discussion, senior seminars will be limited to a maximum of 25 students. As an element of the general education curriculum, each senior seminar shall focus on some aspect of citizenship.

- EIU 4100G - Folklore, Culture, and Society. (3-0-3)
- EIU 4101G - Spaceship Earth: The Present State. (3-0-3)
- EIU 4102G - Technology and Society (3-0-3)
- EIU 4103G - Physical Activity and Mental Wellness. (3-0-3)
- EIU 4104G - World Film: Language and Culture in Film. (3-0-3)
- EIU 4106G - War Stories. (3-0-3)
- EIU 4107G - The Idea of a University: Yesterday and Today. (3-0-3)
- EIU 4108G - The Changing World of Women. (3-0-3)
- EIU 4112G - Women and Technology. (3-0-3)
- EIU 4121G - Leisure Time: The American Perspective. (3-0-3)
- EIU 4123G - Social Movements, Crowds, and Violence. (3-0-3)
- EIU 4125G - Cultural Diversity in the United States. (3-0-3)
- EIU 4155G - The European Witchhunts. (3-0-3)
- EIU 4158G - Freedom of Expression: Dissent, Hate, and Heresy.
(3-0-3)
- EIU 4161G - Theatre as a Soapbox. (3-0-3)
- EIU 4162G - Women's Voices: Women in the Theatre. (3-0-3)
- EIU 4165G - Journalistic Media in Society. (3-0-3)
- EIU 4167G - The Meaning of Life. (3-0-3)
- EIU 4170G - History on Film. (3-0-3)
- EIU 4191G - Leisure Time: The American Perspective, Honors.
(4-0-4)
- EIU 4193G - The Holocaust, Honors. (4-0-4)
- EIU 4195G - The European Witchhunts, Honors. (4-0-4)
- EIU 4196G - Journalistic Media in Society, Honors. (4-0-4)
- EIU 4197G - Freedom of Expression: Dissent, Hate, and Heresy,
Honors. (4-0-4)

VII

FIELDS OF STUDY



and by doing it again.

Eastern Illinois University offers degree programs in four colleges: the College of Arts and Humanities; the Lumpkin College of Business and Applied Sciences; the College of Education and Professional Studies; and the College of Sciences. The Board of Trustees B.A. degree is available through the School of Adult and Continuing Education. **Interdisciplinary Minors** are also offered in Adult Education, Anthropology, Business Administration, Health Communication, Latin American Studies, Pre-Law Studies, Public Relations, and Women's Studies.

DEFINITION OF TERMS

Degree

A degree is the title which the University confers on a graduate as the result of his/her having completed university requirements for that degree. Eastern Illinois University confers the following degrees at the undergraduate level:

- Bachelor of Arts (B.A.)
- Bachelor of Science (B.S.)
- Bachelor of Science in Business (B.S.B.)
- Bachelor of Science in Education (B.S.Ed.)
- Bachelor of Music (B.Mus.)

Major

A major is a field of study containing specific course requirements unique to a broad field of academic specialization. A list of the majors offered at EIU appears in this section.

Note: A student pursuing a degree other than a B.S. in Business cannot count more than 30 semester hours of business subjects toward fulfillment of bachelor's degree requirements.

Option

An option is a subset of a major academic field and provides a greater specificity within the broad area of knowledge of that major field of study. Examples of options offered at EIU are the teacher certification options offered in many of the majors, and such specialized options as the Graphic Design Option in the Art major. For specific information on the options available in each major, look under the descriptions of the majors in Section VIII.

Minor

A minor is a curricular component which enables a student to make an inquiry into a discipline or field of study; it is intended to provide the student with competency in the subject.

UNDERGRADUATE FIELDS OF STUDY

Majors, Options, Minors and Teacher Education Programs

College of Arts and Humanities

Majors/Options	Degree	Minor	Teacher Certification
African-American Studies	B.S.	Yes	No
Art	B.A.	Yes	Option
Studio Art Option	B.A.	No	No
Graphic Design Option	B.A.	No	No
Art History Option	B.A.	No	No
English*	B.A.	Yes	Option & Minor
Foreign Languages*	B.A.	Yes	Option ¹ & Minor
History*	B.A.	Yes	Option & Minor
International Studies Option	B.A.	No	No
Journalism	B.A.	Yes	Minor
Music*	B.Mus.	Yes	Option & Minor
Jazz Studies Option	B.Mus.	No	No
Music Performance Option	B.Mus.	No	No
Philosophy*	B.A.	Yes	No
Social Science with Teacher Certification	B.A.	No	Yes
Speech Communication*	B.A.	Yes	Option & Minor
Theatre Arts	B.A.	Yes	Option & Minor

Minors are also available in Creative Writing, Professional Writing, Public Relations, and Women's Studies.

* An Honors Program is available in this major.

¹French and Spanish only.

Lumpkin College of Business and Applied Sciences

Majors/Options	Degree	Minor	Teacher Certification
<i>School of Business:</i>			
Accounting*	B.S.B.	No	No
Business Administration	B.S.B.	No	No
Computer Information Systems*	B.S.B.	Yes	No
Finance*	B.S.B.	No	No
Management*	B.S.B.	No	No
Marketing*	B.S.B.	No	No
<i>School of Family and Consumer Sciences:</i>			
Family/Consumer Sciences*	B.S.	Yes	See CTE major
Dietetics Option	B.S.	No	No
Family/Consumer Sciences in Business Option	B.S.	No	No
Family Services Option	B.S.	No	No
<i>School of Technology:</i>			
Career and Organizational Studies	B.S.	No	No
Career and Technical Education ¹	B.S.	Yes	Yes
Industrial Technology*	B.S.	Yes	See CTE major
Manufacturing Technology Option	B.S.	No	No

Minors are also available in Interdisciplinary Business Administration and Military Science.

* An Honors Program is available in this major.

¹Major and minor emphasis available in Business Education, Family and Consumer Science Education, and Technology Education.

Most degree programs do not require a minor. Certain minors, identified as teaching minors, are available for students who wish to be certified in more than one discipline. Requirements for these teaching minors, which are available only to students in teacher education programs, are listed in this catalog. A candidate for a teacher education degree who desires that a teaching minor be entered on his or her permanent record must list the teaching minor on the application for graduation. Once the appropriate Dean indicates that the student has met the catalog requirements for the program, the teaching minor will be entered on the applicant's permanent record.

Non-teaching minors, identified only as minors, are also available to students who wish to pursue work beyond their major field of study required for their degree. A candidate for a degree who desires that a minor or minors (a student may complete more than one minor) be entered on his or her permanent record must list the minor(s) on the application for graduation. Once the appropriate Dean indicates that the student has met the requirements for the minor(s), the minor(s) will be entered on the applicant's permanent record.

A student should plan a minor or teaching minor program in consultation with an appropriate advisor or Department Chairperson. If a student wishes to add a minor or teaching minor after having applied for graduation, he or she must reapply and note the addition on the reapplication for graduation.

Requirements for Minors

- a. Any student interested in a departmental minor must receive approval from the appropriate department chairperson; and in

the case of an interdisciplinary minor, approval must be secured from the appropriate dean.

- b. All minors are excluded from the Credit/No Credit Option following the rules which apply to majors.
- c. There is a residency requirement similar to that in effect for majors. Therefore, a transfer student who chooses to have a minor must successfully complete a minimum of six semester hours in residence in courses applicable to the grade-point average in that minor.
- d. No more than three semester hours credit may be earned in independent study, research, internship, or study abroad toward a minor; and no credit in teaching methods may be counted toward a minor other than a teaching minor.
- e. Non-teaching minors require a cumulative grade-point average of at least 2.00; for students entering Fall '93 and thereafter, teaching minors require a CGPA of 2.5.

Pre-Degree and Non-Degree Programs

Pre-degree and non-degree programs are those which do not lead to graduation at EIU. The student and his/her advisor may make changes to such programs without the formality of application for a waiver.

Responsibility of the Student

The student has the ultimate responsibility to fulfill the requirements for a degree/program, to check his/her own eligibility to take courses, and to observe the academic rules governing his/her program. The advisor's role is to assist him/her in making important decisions.

UNDERGRADUATE FIELDS OF STUDY

Majors, Options, Minors and Teacher Education Programs

College of Education and Professional Studies

Majors/Options	Degree	Minor	Teacher Certification
Early Childhood Education	B.S.Ed.	No	Yes
Elementary Education	B.S.Ed.		
General Option	B.S.Ed.	No	Yes
Middle School Option	B.S.Ed.	No	Yes
Health Studies	B.S.	No	Option & Minor
Community Health Option	B.S.	Yes	No
Middle Level Education	B.S.Ed.	No	Yes
Physical Education	B.S.	Yes	Option & Minor
Athletic Training Option	B.S.	No	Option
Recreation Administration*	B.S.	Yes	No
Therapeutic Recreation Option	B.S.	No	No
Special Education*	B.S.Ed.		
Early Childhood Option ¹	B.S.Ed.	No	Yes
Standard Special Option ¹	B.S.Ed.	No	Yes

Minors are also available in Adult Education, Health Communication, and Safety and Driver Education.

* An Honors Program is available in this major.

¹Students majoring in Special Education pursue a program resulting in certification in Learning Disabilities, Educable Mentally Handicapped, or Behavior Disorders (SED).

College of Sciences

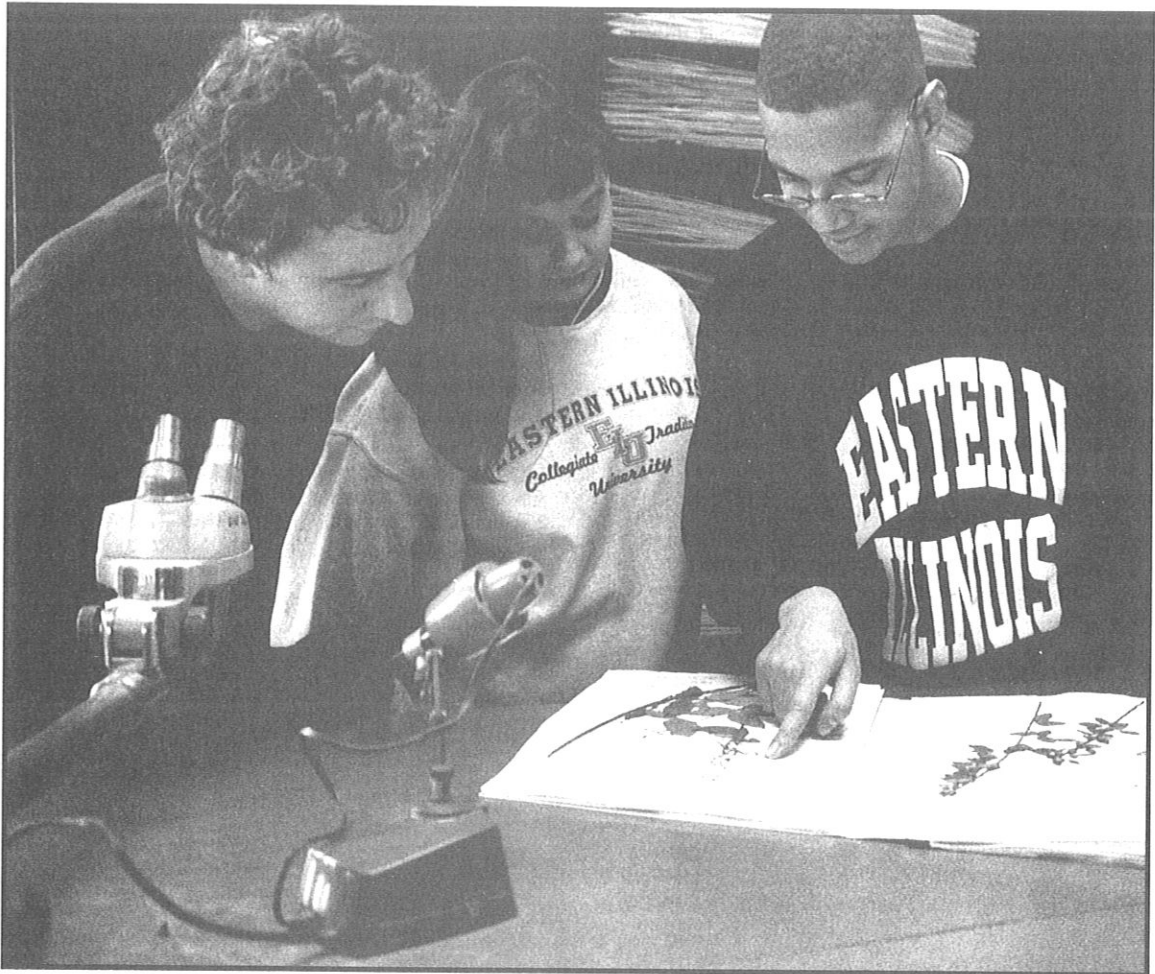
Majors/Options	Degree	Minor	Teacher Certification
Biological Sciences*	B.S.	Yes	Yes
Environmental Biology Option	B.S.	No	No
Chemistry*	B.S.	Yes	Option & Minor
Clinical Laboratory Science (Cooperative)	B.S.	No	No
Communication Disorders & Sciences*	B.S.	No	Yes ¹
Economics*	B.A.	Yes	No
International Studies Option	B.A.	No	No
Engineering (Cooperative)	B.S.	No	No
Geography*	B.S.	Yes	Minor
Geology*	B.S.	Yes	No
Mathematics*	B.A.	Yes	Option & Minor
Mathematics and Computer Science	B.S.	No	No
Physics*	B.S.	Yes	Option & Minor
Political Science*	B.A.	Yes	No
International Studies Option	B.A.	No	No
Psychology*	B.A.	Yes	No
Sociology	B.A.	Yes	No

Minors also available in Anthropology, Earth Science, Latin American Studies and Pre-Law Studies. In addition, the College offers pre-professional programs in Pre-Dentistry, Pre-Engineering, Pre-Medicine, Pre-Nursing, Pre-Optometry, Pre-Pharmacy, Pre-Physical Therapy, and Pre-Veterinary Medicine.

* An Honors Program is available in this major.

¹The B.S. in Communication Disorders and Sciences is toward certification; the master's degree is necessary for teacher certification.

COLLEGE DESCRIPTIONS AND PROGRAM REQUIREMENTS



Sharing what you learn.

This section, alphabetized by college, describes missions and admission requirements and lists faculty by department. It also details the majors, minors, pre-degree and non-degree programs each college offers. For an overview of the fields of study offered by Eastern Illinois University, see the chart in Section VII. For the General Education Requirements needed for graduation by all students in the University, see Sections VI and VIII in this catalog. For the specific requirements for teacher certification in any of the colleges, see "Teacher Certification Programs" in this section. For a detailed description of the courses listed in the following pages, see Section XI.

COLLEGE OF ARTS AND HUMANITIES

Jim Johnson, *Dean*

Jeffrey Lynch, *Associate Dean*

General Mission

The College of Arts and Humanities is committed to the University's goal of providing a comprehensive undergraduate program of liberal studies as a foundation for all students. Its mission is to instill knowledge, skills and values that will enable students to emerge as responsible citizens. Specifically, the College seeks to provide intensive training in a discipline, to enhance the development of talented performing and creative artists, and to develop in students a capacity for critical judgment, the ability to communicate effectively, and a sense of ethical responsibility. In addition, the College sponsors many cultural activities and programs which are both aesthetically and intellectually stimulating. The mission of the College is complemented by a select graduate program. (See the EIU *Graduate Catalog* for further information about graduate programs.)

Faculty of the College of Arts and Humanities

Art (581-3410)

Glenn Hild, *Chairperson*

Bartel, K.; Belleville, P.; Boshart, J.; Braun, S.; Eskilson, S.; Griffin, D.; Harrison, G.; Hegarty, M.; Hubschmitt, W.; Leonard-Cravens, M.; Marquardt-Cherry, J.; Naragon, D.; Nivens, C.; Rehm-Mott, D.

English (581-2428)

Dana Ringuette, *Chairperson*

Abella, O.; Allison, J.; Bazargan, S.; Beebe, R.; Boswell, P.; Buck, R.; Campbell, J.; Carpenter, D.; Christhilf, M.; Coleman, L.; Engles, T.; Guernsey, B.; Guzlowski, J.; Hecimovich, G.; Hoberman, R.; Irwin, B.; Kilgore, J.; Kory, F.; Leddy, M.; Loudon, M.; Lynch, J.; Martone, J.; McCormick, F.; McDonough, C.; Miller, W.; Moore, J.; Murray, R.; Panjwani, J.; Quinn, T.; Radavich, D.; Raybin, D.; Searle, W.; Shonk, T.; Smith, L.; Stevens, C.; Suksang, D.; Swords, S.; Sylvia, R.; Vietto, A.; Watkins, J.; Weasmer, J.; Zahlan, A.

Foreign Languages (581-3021)

Stephen Canfield, *Chairperson*

Amaya, C.; Bulver, K.; Clay-Mendez, L.; Crome, R.; French, S.; Konrad, K.; Sundheim, L. D.; Taylor, K.

History (581-3310)

Anita Shelton, *Chairperson*

Barnhart, T.; Beck, R.; Curry, L.; Fallaw, B.; Hardeman, M.; Kammerling, J.; Key, N.; Lasky, H.; McElligott, J.; McMillan, D.; Riccio, B.; Small, N.P.; Smith, D.; Waldrep, C.; White, M.; Young, B.

Journalism (581-6003)

L.R. Hyder, *Chairperson*

Kaufman, S.; Ladd, M.; Poulter, B.; Price, H.; Reed, J.D.; Ryan, J.; Samuels, A.; Tidwell, J.; Voelz, P.; Wohlrabe, M.D.

Music (581-3010)

Roger Stoner, *Chairperson*

Joseph M. Martin, *Assistant*

Barta, R.; Coles, M.; Daniels, J.; DiBianco, D.; Fagaly, S.; Hesterman, P.; Hobbs, W.D.; Horney, A.; Lane, J.; Manfredo, J.; Melvin, W.P.; Poulter, P.; Rossi, R.; Sanders, G.; Smith, C.; Taylor, H.D.

Philosophy (581-3012)

Gary E. Aylesworth, *Chairperson*

Beakley, B.; Britton, T.; DePetro, J.; Foley, R.; Lee, Y.S.

Speech Communication (581-2016)

Terry M. Perkins, *Acting Chairperson*

Bock, D.; Borzi, M.; Bradd, M.; Glennon, I.; Greer, N.; Helsel, C.; Heumann, J.; Hogg, M.; Mason, G.; Miller, S.; Mills, M.; Perkins, T.; Semati, M.; Staske, S.

Theatre Arts (581- 3110)

John Oertling, *Chairperson*

Blanchette, C.; Eisenhour, J.D.; Eisenhour, K.; Joern, C.; Jorns, D.; Sain, J.; Wolski, D.; Wolski, J.

Tarble Arts Center (581-2787)

Michael Watts, *Director*

Kit Morice, *Curator of Education*

Committee

African-American Studies
Social Science Studies
Women's Studies

Chairperson

Onaiwa Ogbomo
Charles Titus
Jan Marquardt

ACADEMIC PROGRAMS

AFRICAN-AMERICAN STUDIES (B.S.)

Major

African-American Studies 1000, 2000, 3000, 3100 3200, 3300, 4000, 4100, 4275*, 4400*	30 sem. hrs.
English 2705 or 4750	3 sem. hrs.
Geography 3050 or HIS 3250	3 sem. hrs.
History 3750	3 sem. hrs.
Sociology 2840	3 sem. hrs.
Electives (choose 1): African-American Studies 3970; Anthropology 3611; Journalism 3951; Political Science 4774, 4843; Psychology 4700; Theatre Arts 3755G	3 sem. hrs.
TOTAL	45 sem. hrs.

*Only three semester hours from each of AFR 4275 and 4400 may be counted toward the major.

Interdisciplinary Minor in African-American Studies

African-American Studies 1000	3 sem. hrs.
African-American Studies 2000	3 sem. hrs.
Electives: Select 2: English 2705, History 3750, Sociology 2840 ..	6 sem. hrs.
Select 2: African American Studies 3000, 3100, 3200, 3300, Geography 3050	6 sem. hrs.
TOTAL	18 sem. hrs.

ART (B.A.)

Option in Studio Art

Art 1000, 1110, 1111, 2050, 2100, 2500	16 sem. hrs.
Art History 2601G, 2602G	6 sem. hrs.
One of the following emphases	43 sem. hrs.
TOTAL	65 sem. hrs.

Two-Dimensional Emphasis

Art 3011, 3680 plus three sem. hrs. of art history at the 3630 level or above	7 sem. hrs.
Three courses chosen from Art 2000, 2560, 2250 or 2700 or 2800	9 sem. hrs.
Electives chosen from Art 2910, 2920, 3000, 3051, 3052, 3080, 3200, 3570, 4000, 4051, 4052, 4400, 4580	18 sem. hrs.
Electives chosen from Art History courses or Three-dimensional courses	9 sem. hrs.
TOTAL	43 sem. hrs.

Three-Dimensional Emphasis

Art 3011, 3680 plus three sem. hours of art history at the 3630 level or above	7 sem. hrs.
Art 2250, 2700 and 2800	9 sem. hrs.
Electives chosen from Art 3111, 3112, 3251, 3252, 3701, 3702, 3801, 3802, 4111, 4112, 4251, 4252, 4400, 4701, 4702, 4800, 4801, 4802	18 sem. hrs.
Electives chosen from Art History courses or Two-dimensional courses	9 sem. hrs.
TOTAL	43 sem. hrs.

Option in Graphic Design

Graphic Design Selective Admissions Entrance Requirements

Effective Fall Semester 1996, students wishing to major in Graphic Design are required to apply for admission into the Junior (3rd) year of the program. Freshman and sophomore year, or "Pre-Graphic Design," remains open to all who wish to enroll. Entrance into the Junior (3rd) year of the program, or the "Graphic Design Program," is limited to those students who have satisfied requirements outlined by the department and have been selected by the Graphic Design Selective Admissions Committee for admission into the program based on a comparative scoring system of performance in these requirements. Exceptions to these requirements can be made only in response to written requests and the subsequent review and recommendation of the Graphic Design Selective Admissions Committee.

Art 1000, 1110, 1111, 2000, 2050, 2500, 2560, 2601G, 2602G, 2910, 2920, 3011, 3910, 3911, 3920, 3921, 3940, 4910, 4911, 4920, 4921	59 sem. hrs.
Industrial Technology 3123	3 sem. hrs.
Art History courses numbered 3630 or above	6 sem. hrs.
Electives chosen from Art courses and/or the following: English 4760, Journalism 3001, 4751, 4760, Industrial Technology 3343, 3353, 4813	6 sem. hrs.
TOTAL	74 sem. hrs.

(Major GPA based on all art and required industrial technology courses only taken at EIU.)

Option in Art History

Studio or Related Areas

ART 1000, Drawing I	3 sem. hrs.
ART 1110, Design	3 sem. hrs.
ART 1111, 3-D Design	3 sem. hrs.
Total Studio or Related Areas	9 sem. hrs.

Art/Design History

ART 2601G, History of Art I	3 sem. hrs.
ART 2602G, History of Art II	3 sem. hrs.
ART 2012G, Nonwestern Fine Arts	3 sem. hrs.
ART 4775, Seminar in Twentieth Century Art History and Criticism	3 sem. hrs.

27 credit hours selected from the following:

ART 2300, African-American Art (3 sem. hrs.)	
ART 3610G, African Art (3 sem. hrs.)	
ART 3630, Greek and Roman Art (3 sem. hrs.)	
ART 3641, Early Medieval Art (3 sem. hrs.)	
ART 3642, Romanesque and Gothic Art (3 sem. hrs.)	
ART 3651, Italian Renaissance Art: Fifteenth Century (3 sem. hrs.)	
ART 3652, Italian Renaissance Art: Sixteenth Century (3 sem. hrs.)	
ART 3660, Baroque Art (3 sem. hrs.)	
ART 3670, Nineteenth-Century Art (3 sem. hrs.)	
ART 3680, Modern European Painting and Sculpture (3 sem. hrs.)	
ART 3681, Contemporary Art (3 sem. hrs.)	
ART 3685, Women in Art (3 sem. hrs.)	
ART 3940, History of Graphic Design (3 sem. hrs.)	
ART 4400, Independent Study (1-3 sem. hrs.)	
ART 4765, Twentieth-Century American Painting and Sculpture (3 sem. hrs.)	
Total Art/Design History	39 sem. hrs.

Other Required Coursework

FL* 1101 Elementary Foreign Language	0-4 sem. hrs.
FL* 1102 Elementary Foreign Language	0-4 sem. hrs.
(FL* 1101 & 1102 are electives for students who have had 2 years of	

foreign language in high school with an average grade of "C" or better)

FL* 2201G Intermediate Foreign Language.....	4 sem. hrs.
FL* 2202G Intermediate Foreign Language.....	4 sem. hrs.
HIS 1500G Roots of the Modern World	3 sem. hrs.
Non-ART electives numbered 3000 or above from History	3 sem. hrs.
Total Other Required Coursework	20-28 sem. hrs.
TOTAL	68-76 sem. hrs.

Option in Art with Teacher Certification* Standard Special Certification

Studio

Art 1000, 1110, 1111, 2050, 2250, 2500**, 2560, 2910	22 sem. hrs.
Electives chosen from: Art 2100, 2700, 2800.....	6 sem. hrs.
Electives in art, to include nine sem. hrs. in a selected media	9 sem. hrs.
Total.....	37 sem. hrs.

History of Art

Art 2601, 2602, 3680 or 3681 or 4765	9 sem. hrs.
electives in art numbered 3630 or above	3 sem. hrs.
Total.....	12 sem. hrs.

Art Education

Art Education, 2400, 3400, 3405, 3410, 3415, 4740	14 sem. hrs.
TOTAL	63 sem. hrs.

(Major GPA based on all art courses taken at EIU.)

*For the education course work required for this option, see "Teacher Certification Programs."

**Art 2500 is required in the first semester of study as an art major or prior to taking any 2000 level or higher art studio media course.

Minor in Art*

Art 1000, 1110, 1111, 2500	10 sem. hrs.
OR	
Art 2601G, 2602G	6 sem. hrs.

*Students, in consultation with an art advisor, must select an area of interest from one of the categories which follow. Students interested in Two-Dimensional or Three-Dimensional studio emphasis courses must select Art 1000, 1110, 1111 and 2500. Students interested in an Art History emphasis must select Art 2601G and 2602G.

Two-Dimensional Courses

Electives in Art chosen from:

Art 2000, 2050, 2560, 2910, 2920, 3000, 3051, 3052, 3080, 3200, 3570, 4000, 4051, 4052, 4580, and must include at least six sem. hrs. of courses numbered 3000 or above	15 sem. hrs.
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OR

Three-Dimensional Courses

Electives in Art chosen from:

Art 2100, 2250, 2700, 2800, 3111, 3112, 3251, 3252, 3701, 3702, 3801, 3802, 4111, 4112, 4251, 4252, 4701, 4702, 4800, 4801, 4802 and must include at least six sem. hrs. of courses numbered 3000 or above	15 sem. hrs.
--	--------------

OR

Art History Courses

Electives in Art chosen from:

Art 2300, 3630, 3641, 3642, 3651, 3652, 3660, 3670, 3680, 3685, 3940, 4765, 4775	18 sem. hrs.
TOTAL	24-25 sem. hrs.

ENGLISH (B.A.)

Major

English 2205, 2601, 2901 or 3901 or 4901, 3001, 4300, 4950.....	18 sem. hrs.
One course from Group 2	3 sem. hrs.
Two courses from each of Groups 3, 4 and 5	18 sem. hrs.
Four additional courses in English	

OR

Two courses, numbered 2000 or above, in a single foreign language (excluding courses taught in English and courses taken for Gen. Ed. credit) and two additional courses in English	12 sem. hrs.
TOTAL.....	51 sem. hrs.

Note: The English groups are listed in the section on course descriptions under English. Except for English 3009G and English 3099G, English courses in the General Education Program do not fulfill requirements in the English major or minors.

(Major GPA based on all English courses taken at EIU except English 0990, 0995, 1000, 1001G, 1002G, 1091G, 1092G, and General Education courses other than 3009G and 3099G.)

Note: Concurrent or prior registration in English 2205 is strongly recommended for majors in all courses at the 2000-level and above.

Honors Program for English Majors with a 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have at least a 3.50 GPA and a major GPA of 3.50 on a 4.0 point scale after completing English 1001G/91G, 1002G/92G, 2205, 2601, and any two additional English courses or equivalent courses through transfer credit. Students must also have the approval of the Director of the Honors Program, the Department Honors Coordinator, and the Department Chairperson.

Students in the English Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors students must complete the following 13 semester hours with a 3.50 GPA:

English 4390, Honors Senior Seminar	3 sem. hrs.
English 4644, Honors Thesis	3 sem. hrs.
One 2000- or 3000-level English honors course, excluding 2091G, 2099G, 3090G	

OR

One 4000-level English course (with permission of the instructor and Department Honors Coordinator, excluding 4275, 4300, 4390, 4644, 4950).....	3 sem. hrs.
One 5000-level Graduate Seminar (5000-5010)	4 sem. hrs.

Option in English with Teacher Certification*

Standard High School Certificate with no minor required

English 2205, 2601, 2901, 3001, 3401, 3402, 4300, 4950	24 sem. hrs.
One course from Group 2	3 sem. hrs.
Two courses from each of Groups 3, 4 and 5	18 sem. hrs.

Two additional courses in English (Option A)

OR

Two courses in a single foreign language
(excluding 1000-level conversational courses and courses

taken for Gen. Ed. credit) (Option B)..... 6-8 sem. hrs.
 TOTAL 51-53 sem. hrs.

(Major GPA based on all English courses taken at EIU except English 0990, 0995, 1000, 1001G, 1002G, 1091G, 1092G, and General Education courses other than 3009G and 3099G.)

*For the education course work required for this option, see "Teacher Certification Programs."

Option in English with Teacher Certification*

Standard High School Certificate with a Teacher Certification Minor in a discipline other than English required

English 2205, 2601, 2901, 3001, 3401, 3402, 4300, 4950 24 sem. hrs.
 One course from Group 2 3 sem. hrs.
 Three courses from Groups 3 and 4 (at least one from each group)..... 9 sem. hrs.
 Two courses from Group 5 6 sem. hrs.
 One additional course in English 3 sem. hrs.
 TOTAL 45 sem. hrs.

(Major GPA based on all English courses taken at EIU except English 0990, 0995, 1000, 1001G, 1002G, 1091G, 1092G, and General Education courses other than 3009G and 3099G.)

*For the education course work required for this option, see "Teacher Certification Programs." Please note that a GPA of 2.75, both cumulative and in the major, is required for departmental approval to student teach.

Minor in English

English 3001..... 3 sem. hrs.
 Electives in English selected in consultation with an English advisor. These must include at least one other course numbered 3000 or above, may not include more than three hours of 3970, and must exclude 0990, 0995, 1000, 1001G, 1002G, 1091G, 1092G, 1099, 3401, 3402, 4906, and General Education courses except 3009G and 3099G . 15 sem. hrs.
 TOTAL 18 sem. hrs.

Minor in English for Teacher Certification

English 2601, 2901, 3001, 3401, 3402 15 sem. hrs.
 Three courses: one from Group 2, one from either Group 3 or Group 4, and one from Group 5 9 sem. hrs.
 TOTAL 24 sem. hrs.

Minor in Creative Writing

At least 12 semester hours from:
 English 2003, 2005, 2007, 4762, 4763, 4764 12-18 sem. hrs.
 Up to six semester hours from:
 English 3405, 3504, 3606, 3703, 3808; Theatre Arts 2010G;
 Journalism 2101, 3000, 3102; Speech Communication 3520, 3540; Theatre Arts 2258, 3445, 3751G, 3752G 0-6 sem. hrs.
 TOTAL 18 sem. hrs.

Note: Students are expected to select courses in consultation with a member of the Creative Writing staff, and English majors are required to take at least one course outside the English Department.

Minor in Professional Writing

English 3001, 4760 6 sem. hrs.
 English 4275¹ 4 sem. hrs.
 English 3005 or Journalism 2101 3 sem. hrs.
 Industrial Technology 1363 3 sem. hrs.
 Two courses chosen from English 2901, Journalism 3000, 3102, Computer

Information Systems 3520, Management 3830 4-6 sem. hrs.
 TOTAL 21-23 sem. hrs.

¹Internship may be taken in student's major field of study with approval of English Department.

FOREIGN LANGUAGES (B.A.)

Major

A major in Foreign Languages (with a concentration in French, German or Spanish) consists of one of the following four course selections:

Course Selection I

3 foreign language courses taught in English 9 sem. hrs.
 2 courses in any second foreign language 8 sem. hrs.
 (Completion of Foreign Languages 1102)*
 Foreign Languages 2201G -- French, German or Spanish 4 sem. hrs.
 Foreign Languages 2202G -- French, German or Spanish 4 sem. hrs.
 Advanced Composition/Conversation -- French, German or Spanish 3 sem. hrs.
 Culture and Civilization, Advanced Level -- French, German or Spanish 3 sem. hrs.
 Total 31 sem. hrs.
 7 elective upper division courses in the concentration 21 sem. hrs.
 TOTAL 52 sem. hrs.

* Completion of second year in high school with an average of C or better satisfies this requirement.

Course Selection II

2 foreign language courses taught in English 6 sem. hrs.
 3 courses in a second foreign language 12 sem. hrs.
 (Completion of Foreign Languages 2201G)
 Remainder as in Course Selection I 35 sem. hrs.
 TOTAL 53 sem. hrs.

Course Selection III

1 foreign language course taught in English 3 sem. hrs.
 4 courses in a second foreign language 16 sem. hrs.
 (Completion of Foreign Languages 2202G)
 Remainder as in Course Selection I 35 sem. hrs.
 TOTAL 54 sem. hrs.

Course Selection IV

1 foreign language course taught in English 3 sem. hrs.
 2 courses in a second foreign language 8 sem. hrs.
 (Completion of Foreign Languages 1102)
 2 courses in a third foreign language 8 sem. hrs.
 (Completion of Foreign Languages 1102)
 Remainder as in Course Selection I 35 sem. hrs.
 TOTAL 54 sem. hrs.

Honors Program for Foreign Language Majors with a 3.50 Cumulative GPA

Admission to the Honors Program requires a 3.50 GPA on a 4.0 point scale and permission of the Director of the Honors Programs and the chairperson of the Foreign Language Department. Students in the Foreign Language Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

A. Non-Major Honors in Foreign Languages	
4444 Honors Independent Study	3 sem. hrs.
4644 Honors Thesis	3 sem. hrs.
4666 Honors Seminar (2 times)	6 sem. hrs.
TOTAL	12 sem. hrs.
B. Major Honors in Foreign Languages (BA)	
4444 Honors Independent Study	3 sem. hrs.
4644 Honors Thesis	3 sem. hrs.
4666 Honors Seminar (2 times)	6 sem. hrs.
plus Foreign Language courses beyond Foreign Languages 2201G	32 sem. hrs.
TOTAL	44 sem. hrs.

**French or Spanish
with Teacher Certification*****Standard High School Certificate**

Courses numbered beyond 2201G in the language of the concentration	32 sem. hrs. (32 sem. hrs. must include 3401, Cadet Teaching, 1-3 sem. hrs.)
FLE 3400	3 sem. hrs.
TOTAL	36-38 sem. hrs.

(Major GPA is based on Foreign Language 3400 and all courses in the major language taken at EIU.)

*For the education course work required for this option, see "Teacher Certification Programs."

Minor in French, German, or Spanish

A minor in French, German or Spanish consists of a minimum of 17 semester hours beyond 1102 (second semester). At least nine of the 17 semester hours must be on the 3000 or 4000 level. E.g.:

2201G	4 sem. hrs.
2202G	4 sem. hrs.
Three advanced courses	9 sem. hrs.
TOTAL	17 sem. hrs. beyond 1102

However, with the approval of the department chairperson, students with three or four years of high school study in the language, or the equivalent, may be placed in one of the following alternate plans:

1) 2202 (four hours) plus nine hours in courses numbered 3000 or above. Upon completion of these hours the student will be exempted from four hours of lower-division course work ordinarily required for the minor.

2) Nine hours in courses numbered 3000 or above. Upon completion of these hours the student will be exempted from eight hours of lower-division course work ordinarily required for the minor.

Note: Courses taken on Credit/No Credit basis do **not** count toward this minor.

Minor in French or Spanish for Teacher Certification

Courses numbered beyond 1101G in the language of the minor	21 sem. hrs.
Cadet Teaching 3401	2-3 sem. hrs.
FLE 3400	3 sem. hrs.
TOTAL	26-28 sem. hrs.

Note: Courses taken on Credit/No Credit basis do **not** count toward this minor.

State requirements for Teacher Certification in the Foreign Language Minor are presently being revised. See the Department of Foreign Languages for upcoming details.

**HISTORY
(B.A.)****Major***

History 1500 and 2010, 2020, 2300, 2400, 2500 or 2510, 3600G ^{1*}	15-21 sem. hrs.
History electives numbered above 3000 to include nine sem. hrs. in U.S. history and nine sem. hrs. in non-U.S. history (excluding History 3700G)**	27-33 sem. hrs.
TOTAL	48 sem. hrs.

(Major GPA based on all history courses taken at EIU.)

¹Required if credit not acquired for Political Science 1153G. If the Political Science course noted in the previous sentence is taken, then an additional U.S. course above 3000 is required.

*History majors are strongly advised to take 2000-level courses before 4000-level courses.

**History majors are required to take a minimum of one 4000-level U.S. history and one 4000-level non-U.S. history.

Concentration in Law and Society

History 1500 and 2010, 2020, 2300, 2400, 2510, 3600G, 4910, Philosophy 3070*	27 sem. hrs.
Electives Philosophy 3050, Business 2750, Sociology 2761, 3770, Journalism 4101, Political Science 3513, 4774	6 sem. hrs.
History electives numbered above 3000 To include six semester hours in U.S. history and six semester hours in non-U.S. history	21 sem. hrs.
TOTAL	54 sem. hrs.

*With approval of the Law and Society advisor, Philosophy 3050G may be substituted for Philosophy 3070 to meet students' program needs.

**Honors Program for History Majors
with a 3.50 Cumulative GPA**

To be admitted to the Departmental Honors Program, students must have at least a 3.50 CGPA and a major GPA of 3.50 on a 4.0 point scale after completing History 2010, 2020, 2300, 2400, 2500, or their equivalent through transfer credit. Students must also have permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the History Honors Program must maintain an *overall* GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors students must complete the following 12 semester hours with a 3.50 GPA:	
History 4444 Honors Independent Study	3 sem. hrs.
History 4644 Honors Thesis	3 sem. hrs.
Either History 4666 Honors Seminar or History 4555 Honors Research depending upon departmental scheduling	3 sem. hrs.
History 5000-5499 Graduate Seminar	3 sem. hrs.

Honors students must complete all other departmental requirements with a 3.50 GPA as well as a 3.50 CGPA. They may not receive credit for both History 4444 and History 4400 (Independent Study in History).

Honors students must complete either two years of college-level instruction in a single foreign language or demonstrate an equivalent reading competency.

Option in History w/ International Studies

History 2010, 2020, 2300, 2400, 2500 or 2510	15 sem. hrs.
Select three sem. hrs. from History 1400, 3250, 3260, 3300.....	3 sem. hrs.
History electives numbered above 3000 to include nine sem. hrs. in U.S. History and nine sem. hrs. in non-U.S. History (excluding History 3700G)	18 sem. hrs.
Total	36 sem. hrs.
Economics 2801G, 2802G, 3860	9 sem. hrs.
Select six sem. hrs. from: Political Science 2253G, 3203, 3223, 3303, 3323, 3363, 3373, 4821, 4822, 4823	6 sem. hrs.
Select three sem. hrs. from Geography 1200G, 3600.....	3 sem. hrs.
Total	18 sem. hrs.
Total (History, Economics, Political Science and Geography).....	54 sem. hrs.

Proficiency at the intermediate level of a foreign language or the completion of courses in a foreign language to include one of the following:
 French 2202G, German 2202G, or Spanish 2202G.
 Total..... 0-14 sem. hrs.
 TOTAL 54-68 sem. hrs.

Option in History w/ Teacher Certification***Standard High School Certificate**

History 1500, 2010, 2020, 2300, 2400, 2500 or 2510, 3600G1**	18-21 sem. hrs.
History electives numbered above 3000 to include nine sem. hrs. in U.S. history and nine sem. hrs. in non-U.S. history	18 sem. hrs.
Social Science 3400 ²	3 sem. hrs.
Total	39-42 sem. hrs.

Satisfactory completion of this major requires: (1) a grade of C or better in each course that applies to the 36 semester hours of history required; (2) a major and cumulative GPA of at least 2.75 in all courses attempted at EIU; and (3) at least 12 semester hours of the 36-semester-hours requirement in history must be in courses taken at EIU. Courses taken on a Credit/No Credit basis do not count toward this major.

¹Required if credit not acquired for Political Science 1153G. If the Political Science course noted in the previous sentence is taken, then an additional U.S. course above 3000 is required.

²Social Science 3400 may be omitted if the student has credit in a methods course in one of the following: business education, English, foreign languages, life science, mathematics, physical science, or speech communication.

Minor in History

History 2010, 2020, 2300, 2400	12 sem. hrs.
History electives numbered above 3000 except 3970, 4400	6 sem. hrs.
TOTAL	18 sem. hrs.

Minor in History with Teacher Certification

History 2010, 2020, 2300, 2400, 2500 or 2510	15 sem. hrs.
History electives numbered above 3000 to include three sem. hrs. in U.S. history and three sem. hrs. in non-U.S. history.....	9 sem. hrs.
Social Science 3400 ¹	3 sem. hrs.
TOTAL	27 sem. hrs.

Satisfactory completion of this minor requires: (1) a grade of C or better in each course that applies to the 24 semester hours of history required; (2) a major and cumulative grade-point average of at least 2.75 in all history courses attempted at EIU; and (3) at least 12 semester hours of the 24-semester-hours requirement in history

must be in courses taken at EIU. Courses taken on a Credit/No Credit basis do not count toward this minor.

¹Social Science 3400 may be omitted if the student has credit in a methods course in one of the following: business education, English, foreign language, life science, mathematics, physical science, or speech communication.

²For the education course work required for this option, see "Teacher Certification Programs."

JOURNALISM (B.A.)**Major**

The Journalism major consists of 60-66 hours in three required areas and a fourth voluntary area of co-curricular activities. To meet the requirements for a degree in journalism, students must earn a minimum grade of "C" in each of the following courses: Journalism 2101, 2901, 3000, 3001 and 3301 or 3302.

I. Journalism Course Work..... 33-36 sem. hrs.

- Survey of the Profession** -- 8-11 sem. hrs.
 Journalism 2001, 4101, 4102
To provide knowledge about the field of Journalism, to understand the work of journalists, and to develop attitudes and values appropriate to professional practice. Additional course work is available as 3903, 3951, 3952, and History 3940.
- Writing** -- 11 sem. hrs.
 Journalism 2101, 2901, 3000 and one of the following: Journalism 3102, 3610, 3950 (if designated by chair as a writing course), 4770, or 4900 (if designated by chair as a writing course).
To practice writing in different styles for different purposes using information gathering and clear presentation as a basis for all forms.
- Visual Communication** -- 5 sem. hrs.
 Journalism 3001, and 3301 or 3302
To become visually literate, to maintain visual intelligence amid changing technology, to develop visual understanding of all media.
- Professional Development** -- 9 sem. hrs.
To augment a strong basis of understanding the profession and practicing verbal and visual skills, to explore career areas, to direct the practice of skills associated with professional activities.

Courses associated with career areas are as follows:

For newspapers, graduates have found the following courses helpful: 3102, 3901, 4001, 4751, 4760, 4900

For magazine work: 3102, 4760, 4900

For electronic journalism: 3620, 3701/3702, and 4900

For photojournalism: 4751 and 4760

For public relations: The interdisciplinary Public Relations Minor is recommended.

For advertising: 3901 and 4900

For new media: 3701/3702 and 4900

For graduate school and other professions requiring strong communication skills, course work in the Journalism major can be helpful.

II. Liberal Arts Area (Block A)..... 18 sem. hrs.

To develop intelligence and wisdom, to have something to communicate, to provide a context for communication. With consultation of the academic advisor, include three of these four areas: Political Science, History, Sociology and Economics. With permission of advisor and chair, student may substitute other courses at same level (e.g., 2000, 3000) or higher for listed courses within the same field of study.

Anthropology 2200G; Economics 2801G, 3880; English 2901, 3001; Foreign Language 2201G; Geography 3000-4000 - any upper-division course in Geography; History 3000-4000 - any upper-division course in international history; Philosophy 3000-4000 - any

upper-division course in Philosophy; Political Science 2603, 3000-4000 - any upper division course in international political science; Psychology 3000-4000 - any upper division course in Psychology; Speech Communication 2650; Sociology 2750G, 2761, 3000-4000 - any upper-division course in Sociology.

III. Non-Journalism Specialty (Block B) 12 sem. hrs.
 To develop knowledge in a single area other than journalism, to develop educationally and professionally, to have knowledge and context with which to communicate intelligently.

(Selection of these upper-division courses [numbered 3000 and 4000], ordinarily in a block from a single department, requires consultation with student's advisor. Upon recommendation of advisor, chair may approve one lower division course if it is a prerequisite for upper division courses. Courses must be integrated into student's program in Journalism. Block A and JOURNALISM courses cannot be counted toward Block B. A second major or a non-journalism minor is strongly encouraged.)

IV. Co-Curricular Volunteer Activities

To apply the knowledge and skills provided in courses; to practice abilities; to experiment in real-work settings.

Students who have worked on student media have found this experience to be invaluable. Opportunities are available on student media: news, business and advertising staffs of *The Daily Eastern News*; the *Verge* entertainment supplement; *Minority Today*; the *Warbler* yearbook; *Heartland* magazine; *WEIU-TV*; the Agency. Organizations that offer significant learning experiences include the Public Relations Student Society of America, Student Illinois News Directors Association, Society for Collegiate Journalists, and Women in Communications, Inc.

(Journalism writing competency must be demonstrated prior to enrollment in Journalism 2101, 2901, or 3000 by either (1) a grade of B in English 1001G, (2) grades of least C in both English 1001G and 1002G, (3) a grade of at least C in English 2901 or 3001; or (4) a passing score on the University Writing Competency Exam.)

(Journalism majors may apply no more than 12 transfer credit hours, nor more than 30 total credit hours in professional journalism/mass communications courses, as defined by the department chair, toward the 120-hour graduation requirement. At least 65 of the remaining 90 credit hours must be taken in humanities, social sciences and natural sciences.)

(Major GPA based on all journalism courses taken at EIU.)

Interdisciplinary Concentration in Electronic Journalism and Communication

In addition to completing the requirements of their major, students in Journalism or Speech Communication may elect to complete a concentration in Electronic Journalism and Communication. This concentration is designed to provide the knowledge, values, perspectives, and skills necessary to understand the roles, functions and operations of electronic media.

Majors in Journalism:

Professional Courses

In consultation with their academic advisor, students must complete 9-12 hours from the following list of courses:

- Minor in Journalism
- SPC 2550, Basic Broadcast Announcing 3 sem. hrs.
- SPC 2525, Electronic Production I
 (required for Cohort Program) 3 sem. hrs.
- SPC 2575, Electronic Production II
 (required for Cohort Program) 3 sem. hrs.
- SPC 3540, Video Production 3 sem. hrs.
- SPC 3550, Advanced Broadcast Announcing 3 sem. hrs.
- JOU/SPC 3610, Broadcast News Writing 3 sem. hrs.
- JOU/SPC 3620, Electronic News Gathering 3 sem. hrs.
- JOU 3701, Online Journalism 1 sem. hr.
- JOU 3702, Online Journalism – Lab 2 sem. hrs.
- SPC 4540, Television Directing 3 sem. hrs.

Minor in Journalism

Journalism 2001, 2101, 2901, 3000, 3001, 3301 or 3302, 4101, 4102 21 sem. hrs.

Minor in Journalism for Teacher Certification

Journalism 2001, 2101, 2901, 3000, 3301 or 3302, 4101, 4801, 4802, 4803 19 sem. hrs.

Minor in Public Relations

(See "Interdisciplinary Programs" in this chapter.)

MUSIC

Auditions

All entering freshmen and transfer students planning to major in music are required to audition in a performance area in advance of enrollment. In addition to the performance audition, prospective composition students should provide scores and/or tapes of original compositions prior to enrollment. Information on audition dates and requirements is available through the Music Department office (217/581-3010). All students who wish to transfer credit in music theory, aural training, music history, applied studies, and piano are required to take the placement examination in the subject(s).

Studies in Music Performance

All music majors are required to study music performance on a one-to-one basis with a studio instructor. Such study is referred to as "applied study." While majors may pursue more than one area of applied study, each student must complete a sizable block of hours in one "primary" or "principal" instrument or voice.

The hours of applied study taken each semester vary depending upon the program option in which the student is enrolled. The hours for primary or principal applied study are as follows:

Degree Program	Credit Hours per Semester	Lessons or Class Instruction per Week	Practice per Day
Performance Option	4	1 hour	2-4 hours
Jazz Studies Option	2 or 4	1 hour	2-4 hours
Music Education Option Instrumental, Vocal, and General Music Emphasis	1 or 2	½-1 hour	1-2 hours

Students are expected to complete the minimum applied study requirement over a period of seven semesters. Secondary applied study (the study of any instrument or voice in addition to the primary or principal area) may occur in any option or emphasis for one to two credit hours per semester with prior consent of the instructor.

In the summer term, credit for applied study should be reduced by one half, except in cases where the normal credit is one semester hour. Additional credit for applied study in the summer term may be taken only with the permission of the studio instructor.

Courses in music performance may be repeated for credit according to the applied study requirements stipulated for each program option and emphasis.

Applied Studies for Non-Music Majors

Non-music majors wishing to enroll in applied music courses (0010-0070 and 3310-3370) are required to audition in the performance area of their interest. Placement examinations are given during the registration period before classes begin.

Jazz Studies Auditions

Students who wish to take the Jazz Studies Option are required to perform the standard instrumental audition, plus demonstrate improvisation ability or jazz skills related to their particular instrument.

As part of their applied study requirement, jazz studies woodwind majors must complete one semester each of applied study in clarinet, flute, and one double reed instrument. Jazz studies percussionists must demonstrate appropriate skills on mallet instruments, orchestral percussion, and drum set in recital performances. The applied study requirement for jazz keyboard majors is divided between traditional keyboard and jazz piano. The traditional keyboard requirement is four semesters (eight hours) or completion of the sophomore recital requirement. The remaining 14 hours of applied study is jazz piano.

Juries

Progress in applied study is evaluated each semester by the faculty of the performance area in which the student is enrolled. A Junior Standing Jury is a graduation requirement for all music majors and normally occurs at the end of the fourth semester of applied study. Students must pass the Junior Standing Jury to receive upper division credit and must complete the Jury by the end of the sixth semester, or its equivalent. Music education majors are required to have at least two hours of upper division credit (3310-3370) in fulfilling applied study requirements. Students electing the general music emphasis must achieve Junior Standing but are not required to have upper division credit for applied study.

Students with an option in Jazz Studies are required to pass a Junior Standing Jazz Jury in addition to the standard Junior Standing Jury. After completing this jury, students must perform the standard jury and a jazz jury each semester in residence.

Recital Attendance Requirement

All music majors are required to complete a total of five semesters of Recital (Music 1103). Students should check with the Music Department Office for specific recital attendance requirements and for procedures for recording attendance. The requirement for transfer students will be determined by the Music department chairperson.

Liability Notice

In the event that students choose to store musical instruments on campus in any building operated by the University, they thereby waive any and all liability of the University and its employees for loss of, or damage to, such musical instruments by any cause whatsoever, including, but not limited to fire, water, windstorm or other casualty, theft, or dampness or dryness of the air.

Student Recitals

All students are required to appear each year in the series of student recitals in order to gain experience in musical performance, unless exempted by applied instructor.

Music Education Major

Instrumental principals in the instrumental emphasis are required to perform 25 minutes in recital (Music 3103 or 4103), or its equivalent, following completion of the Junior Standing Jury. Vocal and piano principals are required to present junior and senior recitals. Organ and harpsichord principals must present a senior recital and either a junior recital or equivalent performance. Students in the general music emphasis must achieve junior standing in their principal applied area of study with a junior and senior recital being optional.

Music Major

Performance Option: Instrumental Majors with an option in performance must present a 25-minute recital in the sophomore year and a 50-minute recital in both the junior and senior years (Music 2103, 3103, 4103). Voice and Keyboard Majors with an option in performance must present a 15-minute recital in the sophomore year, a 25-minute recital in the junior year and a 50-minute recital in the senior year (Music 2103, 3103, 4103). Composition majors are required to present appropriate projects in lieu of the junior and senior recitals. Further, performance majors are required to perform a minimum of four times on student recitals in addition to the above

requirements. The student recital requirement must be completed before the semester in which the senior recital is given.

Jazz Studies Option: Students with an option in jazz studies are required to present a sophomore recital (Music 2103) of standard classical literature, a junior recital (Music 3103) of classical literature and improvisation in small groups, and a senior recital (Music 4103) that includes combo performance, one original composition, and one arrangement for big band.

MUSIC (B. of Music)

Major in Music

Option in Jazz Studies[#]

Music Theory 1541, 1542, 1543, 1544, 2541, 2542, 2543, 2544, 3542, 3547	21 sem. hrs.	
Music History 1581, 3581, 3582	9 sem. hrs.	
Conducting 2360, 3260	3 sem. hrs.	
Piano Skills (2203, 2204)	2 sem. hrs.	
Applied Study of Primary Instrument (each semester)	22 sem. hrs.	
Music 0224	(audit)	
Courses in Jazz Studies and Related Areas		
0070 (2 sem. hrs.), 1530, 2530, 2581, 3530, 3800, 3801, 4530, 4850	15 sem. hrs.	
Ensembles: six sem. hrs. of 0220, 0221, two sem. hrs. of 0222, two sem. hrs. of 3622		10 sem. hrs.
Recital 1103 (a total of five semesters), 2103, 3103, 4103		(audit)
TOTAL	82 sem. hrs.	

[#]Jazz Studies majors are required to register for applied study and a major ensemble each semester in residence. Major choral ensembles include Concert Choir and Mixed Chorus; major instrumental ensembles include Marching Band, Wind Ensemble, and Orchestra. After formal acceptance into the Jazz Studies option, the student's major ensemble requirement is fulfilled by Jazz ensemble or the Jazz Lab Band.

Option in Music Performance[#]

Music 1541, 1542, 1543, 1544, 2541, 2542, 2543, 2544, 3542; at least two sem. hrs. from 0070, 2070, 3542 (may be taken a second time), 3547, 4541, 4542, 4750, 4840, 4850, 4600*, 4980*	21 sem. hrs.	
Music History 1581, 3581, 3582, at least two sem. hrs. from 4600*	11 sem. hrs.	
Recital 1103 (a total of five semesters), 2103, 3103, 4103		(audit)
One of the following emphases	48-63 sem. hrs.	
TOTAL	78-93 sem. hrs.	

[#]Performance Majors are required to successfully complete applied study and a major ensemble in their area each semester in residence. Major instrumental ensembles include marching band, concert band, wind ensemble, and orchestra; major choral ensembles include concert choir and mixed chorus.

- String, Wind, or Percussion Instruments Emphasis.** Music 2203 and 2204; Music 2360, 3260, 3547; three sem. hrs. in music electives; eight sem. hrs. of instrumental ensemble, including at least one sem. hr. from 0204, 0205, 0206, 0207, 0215, 0240, 0241, 0242, and four sem. hrs. from 0200, 0210, 0211, or 0220; 30 sem. hrs. in primary instrument. (Total, 48 sem. hrs.)
- Keyboard Emphasis.** Music 2205, 2206, eight sem. hrs. in ensemble including one sem. hr. in 4950, 1-2 sem. hrs. in 0260, and 5-6 sem. hrs. from 0200, 0201, 0210, 0211, 0220, 0221,

- 0222, or 0230, 0231, 3120; choose primary study in one of the following applied areas. (Total, 52-63 sem. hrs.)
- Piano Primary:* Music 2221, 2222, 4920 (taken twice); 30 sem. hrs. in applied piano (may include four sem. hrs. of secondary applied keyboard); one sem. hr. in music electives; two sem. hrs. from 2155, 2360, 3155, or 3260. (Total, 45 sem. hrs.)
 - Organ or Harpsichord Primary:* 30 sem. hrs. in applied harpsichord or organ (may include four sem. hrs. in secondary applied keyboard); complete either the instrumental (2360, 3260) or choral conducting (2155, 3155) sequence and one course from the other sequence; eight sem. hrs. in music electives. (Total, 42-43 sem. hrs.)
 - Accompanying Primary:* two sem. hrs. in Music 1136; 0010-001 taken twice; 2221, 2222, 4770, 4920; two sem. hrs. from 2155, 2360, 3155, 3260; 30 sem. hrs. in applied keyboard (may include four sem. hrs. of secondary applied keyboard); six sem. hrs. of French and/or German. (Total, 53 sem. hrs.)
 - Pedagogy Primary:* a minimum of 46 semester hours selected in consultation with an advisor from the keyboard pedagogy faculty, including courses in keyboard pedagogy, applied piano (each semester in residence, with the possibility of secondary keyboard study), keyboard literature, conducting/composition or electronic music studio techniques, and music education laboratory and methods.
- Vocal Emphasis.** Music 2203 and 2204; Music 2141, 2142; 30 sem. hrs. in applied voice; Music 2155, 3155, 4770; eight sem. hrs. in vocal ensemble from 0230, 0231, 0233, 3120; six sem. hrs. in a foreign language (1101 or above). (Total, 53 sem. hrs.)
 - Composition Emphasis.** Fourteen semester hours in applied composition (MUS 0070, 3370); 2070, 2203, 2204, 3542, 3547, 4541, 4542; complete either the instrumental (2360, 3260) or choral (2155, 3155) conducting sequence; applied study in primary instrument or voice (each semester); ensemble (each semester). (Total, 46 semester hours.)

*Independent study, workshops and experimental courses may fulfill music history or music theory requirements only with prior approval of the department chairperson and the music theory-history-literature area coordinator.

Note: Students with an interest in teaching piano and/or certification by an organization such as Music Teachers National Association (MTNA) may be prepared through the fulfillment of the following courses:

Music 0060.....	4 sem. hrs.
Music 3360.....	4 sem. hrs.
Music 1541, 1542, 1543, 1544, 2541.....	10 sem. hrs.
Music 3582.....	3 sem. hrs.
Music 2205, 2221, 2222, 4920, 4950.....	10 sem. hrs.
TOTAL	31 sem. hrs.

Option in Music with Teacher Certification**

Standard Special Certificate#

Music Theory 1541, 1542, 1543, 1544, 2541, 2542, 2543, 2544, 3542; at least two sem. hrs. from 0070, 2070, 3542 (may be taken a second time), 3547, 4541, 4542, 4600*, 4750, 4840, 4850, 4980*	21 sem. hrs.
Music History 1581, 3581, 3582	9 sem. hrs.
Music Education 2440	1 sem. hr.
Recital 1103 (a total of five semesters), 3103, 4103 (except Gen. Music emphasis)..... (audit)	
One of the following emphases	34-43 sem. hrs.
TOTAL	65-74 sem. hrs.

#Music Education majors are required to register for applied study and a major ensemble each semester in residence. Major instrumental ensembles include Marching Band, Concert Band, Symphonic Wind Ensemble, and Orchestra; major choral ensembles include Concert Choir and Mixed Chorus.

- Instrumental Emphasis.** Music 1136; at least one sem. hr. of vocal ensemble from Music 0230 or 0231, in addition to major instrumental ensemble requirement; 1301, 2360, 3260, 3400; at least two sem. hrs. from 3547, 4840, 4850. Choose one of the following principals: (Total, 34-40 sem. hrs.)
 - String, Wind, or Percussion Instrument Principal:* Music 1302, 1303, 1304, 1305, 1306, 2203, 2204; 10 sem. hrs. in applied instrument distributed over seven semesters; six sem. hrs. in major instrumental ensembles (must include more than one ensemble). (Total, 23 sem. hrs.)
 - Keyboard Principal:* Music 1302, 1303, 1304, 1305, 1306, 2205, 2206, 2221; 2222 (organists may substitute 2155); 10 sem. hrs. in applied keyboard; six sem. hrs. in major instrumental ensembles. (Total, 28 sem. hrs.)
 - Composition Principal:* Music 2203, 2204; three sem. hrs. from Music 1302, 1303, 1304, 1305, 1306; 10 sem. hrs. of applied composition; six sem. hrs. in major instrumental ensembles; seven semester hours of applied study in the primary instrument distributed over seven semesters. (Total, 28 sem. hrs.)
 - Accompanying Principal:* Music 0260, 1302, 1303, 1304, 1305, 1306, 2205, 2206, 4950; nine sem. hrs. in applied keyboard; five sem. hrs. in major instrumental ensembles; six sem. hrs. of French and/or German. (Total, 29 sem. hrs.)
- Vocal Emphasis.** Music 2155, 3155, 3439, 3440; at least two sem. hrs. from Music 3547, 4750, 4840, 4850; four sem. hrs. in 0230, 0231. Choose one of the following principal areas of study. Total, 36-43 sem. hrs.
 - Vocal Principal:* Music 2203, 2204; 1301, 1302, 1305, 2141, 2142; Music 3120 (taken twice); nine sem. hrs. in applied voice. (Total, 20-22 sem. hrs.)
 - Keyboard Principal:* Music 1136 (taken twice); Music 1301, 1302, 1305, 2205, 2206, 2221; 2222 (organists may substitute 2360); three sem. hrs. from 0230, 0231; 10 sem. hrs. in applied keyboard. (Total, 27 sem. hrs.)
 - Composition Principal:* seven semester hours of applied voice distributed over seven semesters; Music 2203, 2204; at least two courses from: 1301, 1302, 1303, 1304, 1305; Music 2141, 2142; three sem. hrs. from 0230, 0231; at least 10 sem. hrs. in applied composition. (Total, 28 sem. hrs.)
 - Accompanying Principal:* Music 1136 (taken twice); Music 0260; two sem. hrs. from 0230, 0231; 1301, 1302, 1305, 2141, 2142, 2205, 2206, 4950; eight sem. hrs. in applied keyboard; six sem. hrs. of French and/or German. (Total, 29 sem. hrs.)
- General Music Emphasis.** Two semesters of class and/or applied piano; (Music 2155, 3155) or (Music 2360, 3260); Art or THA 2012G; Music 3439, 3440; four sem. hrs. in class or applied voice; five sem. hrs. in major vocal ensembles; nine sem. hrs. selected from at least two of the following areas: Art 2330G, English 3405, 2003, Theatre Arts 1133, 2140G, 3431, Philosophy 3040. (Total, 31-33 sem. hrs.)

(Major GPA based on music courses only.)

*Independent study and workshops may fulfill music history or music theory requirements only with prior approval of the department chairperson and the music theory-history-literature area coordinator.

**For the education course work required for this option, see "Teacher Certification Programs."

Minor in Music

Music 1541 and 1542	6 sem. hrs.
Music 1581	3 sem. hrs.
Electives in music selected in consultation with a music advisor and including at least six sem. hrs. of courses numbered 3000 and above.....	12 sem. hrs.
TOTAL.....	21 sem. hrs.

Minor in Music for Teacher Certification

Music 1541, 1542, 1543, 1544, 1581, 2440, 2541, 2543, 3581, 3582	22 sem. hrs.
Either Vocal Emphasis or Instrumental	

Emphasis 12-13 sem. hrs.

Vocal Emphasis

Music 2155, 3155, 3440; three sem. hrs. in applied and/or class piano (distributed over three semesters) for voice students, or Music 1136 (twice) and one semester of 0010 for keyboard students; four sem. hrs. in principal applied distributed over four semesters.

Total 12-13 sem. hrs. (Participation for at least four semesters in a university choral organization is required.)

Instrumental Emphasis

Music 1302, 1303, 1305, 1306, 2360, 3260, 3400; three sem. hrs. in applied instrumental or keyboard music distributed over three semesters.

Total 13 sem. hrs. (Participation for at least four semesters in a university instrumental organization is required.)

TOTAL 34-35 sem. hrs.

Honors Program for Music Majors with a 3.50 Cumulative GPA

Admission to the Music Honors Program requires a 3.5 GPA, permission of the Music Honors Coordinator, and permission of the Honors Program Director.

Departmental Honors Requirements

Students in the Music Honors Program must complete at least 12 semester hours of honors courses in music from among the following courses:

- Music History, Honors, 1591 3 sem. hrs.
 - Music Analysis, Honors, 3591 3 sem. hrs.
 - Nonwestern Music, Honors, 3592G 3 sem. hrs.
 - Music 4444, Honors Independent Study 1-3 sem. hrs.
 - Music 4555, Honors Research 1-3 sem. hrs.
 - Music 4666, Honors Seminar 1-3 sem. hrs.
 - Music 4644, Honors Thesis (at least one hour required) 1-3 sem. hrs.
- Music 4444, Music 4555, or Music 4666, may be substituted for Nonwestern Music 3592G only.

A graduate course in music (three semester hours) selected with the permission of the Music Honors Coordinator is required. (Honors Independent Study/Honors Research or Honors Seminar may be repeated as a substitute for this requirement with the permission of the Music Honors Coordinator.)

The Honors Thesis in music can take one of three forms:

1. A full recital with accompanying analysis of the works performed.
2. An original composition with accompanying analysis.
3. Intensive research of a music topic culminating in a scholarly paper.

PHILOSOPHY (B.A.)

Major

One general education course in Philosophy 3 sem. hrs.
 Philosophy 1900G, 4480 6 sem. hrs.
 History Component*: Philosophy 2000 and 3260 6 sem. hrs.
 Value Component* (at least one course):
 Philosophy 3010, 3020, 3030, 3040, 3050, 3060 3 sem. hrs.
 Theory of Knowledge Component* (at least one course): Philosophy 3700G, 3720, 3740, 3780 3 sem. hrs.
 Language Component*: a student must complete either Option A (one year of a foreign language at the college level -- six

to eight sem. hrs.) or Option B (Philosophy 3900 -- three sem. hrs.)
 Option A 6-8 sem. hrs.
 Option B 3 sem. hrs.
 Electives in Philosophy 15 sem. hrs.
 TOTAL Option A: 42-44 sem. hrs.
 TOTAL Option B: 39 sem. hrs.

*Philosophy 3980 and 4400 may count in satisfaction of any of the components with permission of the department chairperson and may be repeated once.
 (Major GPA based on all philosophy courses taken at EIU.)

Honors Program for Philosophy Majors with a 3.50 Cumulative GPA

Departmental Honors Requirements

Twelve semester hours in Philosophy Honors courses. Each course may be repeated for a maximum of six hours. Repeating a course requires permission from the Departmental Honors Coordinator.

- Philosophy 4444 Honors Independent Study 0-6 sem. hrs.
- Philosophy 4555 Honors Research 0-6 sem. hrs.
- Philosophy 4666 Honors Seminar 0-6 sem. hrs.
- Philosophy 4644 Honors Thesis 3-6 sem. hrs.
- TOTAL 12 sem. hrs.

Students must take at least three credits in Honors Thesis and complete all other requirements for the major. Six credits in Honors courses will replace six credits of philosophy electives. Students in the Philosophy program must maintain an overall GPA of at least 3.50. Honors Thesis supervision will be undertaken by a faculty member approved by the chair, the Departmental Honors Coordinator, and the student's faculty advisor.

Minor in Philosophy

- One general education course in Philosophy 3 sem. hrs.
- Philosophy 1900G 3 sem. hrs.
- Philosophy 2000 or 3260 3 sem. hrs.
- Electives in philosophy to include at least six sem. hrs. of courses numbered 3000 and above 9 sem. hrs.
- TOTAL 18 sem. hrs.

SOCIAL SCIENCE WITH TEACHER CERTIFICATION (B.A.)

Standard High School Certificate*

Major

Economics 2801G, 2802G, elective in economics 9 sem. hrs.
 Geography 1100G, 1200G, and 3000 or 3025 or 3200 or 3750 9 sem. hrs.
 History 2010, 2020, elective in U.S. history 9 sem. hrs.
 History 2300, 2400, two elective courses in non-U.S. history 12 sem. hrs.
 Political Science 1153G, two elective courses in political science 9 sem. hrs.
 Sociology 2710G, two elective courses in sociology 9 sem. hrs.
 Social Science Methods 3400 3 sem. hrs.
 TOTAL 60 sem. hrs.

(Major GPA based on all economics, geography, history, social science, political science, and sociology courses taken at EIU.)

*For the education course work required for this option, see "Teacher Certification Programs."

Satisfactory completion of this major requires:
 (1) a grade of C or better in each course that applies to the 60 semester hours of courses required, regardless of where taken;
 (2) a major and cumulative grade-point average of at least 2.75 in all courses attempted at EIU;

(3) at least 39 semester hours of the 60-semester-hours requirement for the social sciences major must be in courses taken at EIU; and

(4) at least one course taken in each discipline at EIU.

SPEECH COMMUNICATION (B.A.)

Major

Admission to this program requires a minimum of a 2.25 cumulative grade-point average for at least 12 semester hours of work taken at EIU or at another accredited institution of higher education. Graduation from the program requires a 2.25 cumulative grade-point average.

Speech Communication 2010, 2020, 2030, 2040 12 sem. hrs.
Areas of Concentration I, II, III, IV or V selected in
consultation with a departmental advisor. 30 sem. hrs.

I. Rhetoric and Public Address

Courses selected from areas of Persuasion, Rhetorical Criticism, Advanced Public Speaking, Rhetoric of Women, Contemporary American Public Address, Language Habits and Human Affairs, and Psychology of Speech.

II. Interpersonal/Organizational

Courses selected from Interpersonal Communication, Listening, Interviewing, Communication in Organizations, Communication and Conflict Management, Intercultural Communication, Small Group Communication, Health Communication, Theories of Human Communication, Family Communication, and Public Relations.

III. Mass Communication

Courses selected from areas of Broadcast Announcing, Audio Production, Video Production, Film Communication, Broadcast News Writing, Electronic News Gathering, High Technology Communication, Mass Media Sales & Advertising, Corporate and Non-Broadcast Video, Television Directing, and Advanced Theories of Mass Communication.

IV. General Speech Communication

12 sem. hrs. selected from concentration II, nine sem. hrs. selected from each of the concentrations I and III.

Special Content Courses may apply to any area of concentration with approval of Department Chair. These include Speech Communication 4000, 4030, 4275, 4444, 4555, 4644, 4666.

V. Electronic Journalism and Communication

In addition to completing the requirements of their major, students in Speech Communication or Journalism may elect to complete a concentration in Electronic Journalism and Communication. This concentration is designed to provide the knowledge, values, perspectives, and skills necessary to understand the roles, functions and operations of electronic media.

In consultation with their academic advisor, students must complete 17-18 hours from the following list of courses:

JOU 2101, Newswriting I 3 sem. hrs.
SPC 2525, Electronic Production I (required
for Cohort Program) 3 sem. hrs.
SPC 2575, Electronic Production II (required
for Cohort Program) 3 sem. hrs.
JOU 3000, Newswriting II 3 sem. hrs.
SPC/JOU 3610, Broadcast News Writing 3 sem. hrs.
SPC/JOU 3620, Electronic News Gathering 3 sem. hrs.
JOU 4101, Communication Law 3 sem. hrs.
JOU 4102, Journalism Ethics 2 sem. hrs.
SPC 4275, Internship 3 sem. hrs.
SPC 3540, Video Production 3 sem. hrs.

In consultation with their academic advisor, students must complete a minimum of six semester hours selected from the following list of courses:

SPC 2550, Basic Broadcast Announcing 3 sem. hrs.
JOU 3001, News Photography 3 sem. hrs.
SPC 3550, Advanced Broadcast Announcing 3 sem. hrs.
JOU 3950, Special Topics 3 sem. hrs.
JOU 3701, Online Journalism 1 sem. hr.
JOU 3702, Online Journalism – Lab 2 sem. hrs.
SPC 4030, Seminar 3 sem. hrs.
SPC 4540, Television Directing 3 sem. hrs.

Honors Program for Speech Communication Majors with a 3.50 Cumulative GPA

Admission to the Departmental Honors Program requires a 3.50 GPA on a 4.0 point scale and the permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the Speech Communication Honors Program must maintain an *overall* GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements:

Minimum of 12 sem. hrs. from the following:

Speech Communication 4555
Honors Research 3-6 sem. hrs.
Speech Communication 4444
Honors Independent Study 3-6 sem. hrs.
Speech Communication 4666
Honors Seminar 3-6 sem. hrs.
Speech Communication 4644
Honors Thesis 3 sem. hrs.
TOTAL 12-21 sem. hrs.
These courses will have flexible credit and possible repetition with change of content.

Each student must complete 40 hours of Speech Communication classes, 12 of which are met by the Departmental Honors Requirement.

Option in Speech Communication with Teacher Certification*

Standard High School Certificate

NOTE: Minor in a second teaching field other than psychology and theatre arts required.

Speech Communication 2300, 2320, 2340,
2520, 3400, 3900 18 sem. hrs.
Speech Communication 2630, 3710 6 sem. hrs.
Two of a, b, c, d 24 sem. hrs.
TOTAL 48 sem. hrs.

a. **Radio-TV-Film:** Four courses from Speech Communication 3520, 3530, 3540, 4540, 4750, 4770.

b. **Public Address:** Four courses from Speech Communication 3200, 3230, 3903, 4800, 4830, 4860.

c. **Interpersonal Communication:** Four courses from Speech Communication 3300, 3630, 3660, 4470, 4760.

d. **Theatre Arts**:** Theatre Arts 1133, 1144, 2211, 2258, 3333.

*For the education course work required for this option, see "Teacher Certification Programs."

**"d" not available to Speech Communication majors with Theatre Arts minor.

With the consent of the chairperson of the department, Speech Communication 4000 may be substituted for any of the above courses except 3400.

(Major GPA based on all theatre arts and speech communication courses taken at EIU.)

Minor in Speech Communication:

Speech Communication 2010, 2020, 2030, 2040..... 12 sem. hrs.
 *Select three sem. hrs. from **EACH** of Areas I, II, and III... 9 sem. hrs.
 TOTAL 21 sem. hrs.

*See "Speech Communication B.A." for a listing of the Speech Communication areas.

Minor in Speech Communication for Teacher Certification

Speech Communication 2300, 2320, 2340, 2520, 3400, 3900..... 18 sem. hrs.
 Speech Communication 4750 or 4800 or 4830 3 sem. hrs.
 TOTAL 21 sem. hrs.

THEATRE ARTS (B.A.)

This broadly based liberal arts program in theatre is designed to prepare students for teaching in the secondary schools or for further training in any of the areas of theatre: acting, directing, technical theatre, or design. Theatre Arts majors must earn a minimum of at least a "C" (2.0) in each major course. A GPA of not less than 2.5 is required in the major.

Major*Core Requirements*

Performance Courses

Theatre Arts 1133, 1134, 2244, 3220, 3334..... 11 sem. hrs.

Technical & Design Courses

Theatre Arts 2005, 2210, 2211, 2220, 2257 11 sem. hrs.

Literature & Directing Courses

Theatre Arts 2258, 3751G, 3752G, 3445 or 3333 12 sem. hrs.

Electives from both lists below

Performance Electives

Theatre Arts 3333, 3344, 3345, 3346, 3431 3 sem. hrs.

Technical & Design Electives

Theatre Arts 3356, 3357, 3358, 3360 3 sem. hrs.
 TOTAL 40 sem. hrs.

Option in Theatre Arts for Teacher Certification***Standard High School Certificate***Major Requirements*

Performance Courses

Theatre Arts 1133, 1134, 2244, 3220, 3334..... 11 sem. hrs.

Technical & Design Courses

Theatre Arts 2005, 2210, 2211,** 2220, 2257 11 sem. hrs.

Literature & Directing Courses

Theatre Arts 2258, 3751G, 3752G, 3445 or 3333 12 sem. hrs.

Electives from both lists below

Performance Electives

Theatre Arts 3333, 3344, 3345, 3346, 3431 3 sem. hrs.

Technical & Design Electives

Theatre Arts 3356, 3357, 3358, 3360 0-3 sem. hrs.

Theatre Arts 3400*** 3 sem. hrs.

NOTE: Students majoring in Theatre Arts with Teaching Certification Option must choose a second teaching area other than psychology or speech communication.***

TOTAL 40-43 sem. hrs.

*For the education course work required for this option, see "Teacher Certification Programs."

**A fee is required in Theatre Arts 2210 and 2211 for shop materials.

***Teaching Methods 3400 may be taken in the student's second teaching area with Department permission if student is a double major.

Honors Program for Theatre Arts Majors with a 3.5 Cumulative GPA

Theatre Arts majors with a cumulative GPA of 3.5 or better will be eligible. Three credits in Honors Thesis will be required and six hours of electives in Honors Courses will replace six hours of electives in the major. An additional nine hours in Honors Independent Study, Honors Research, Honors Seminar, or an approved graduate course will be required, for a total of 12 semester hours. All honors courses will be repeatable with permission of the Department Honors Coordinator for a maximum of six semester hours. Each course may be repeated for a maximum of three semester hours.

Departmental Honors Requirements

Twelve semester hours in a combination of the following courses:

Theatre Arts 4444, Honors Independent Study 1-3 sem. hrs.

Theatre Arts 4555, Honors Research 1-3 sem. hrs.

Theatre Arts 4644, Honors Thesis 1-3 sem. hrs.

Theatre Arts 4666, Honors Seminar 1-3 sem. hrs.

An approved graduate course 1-3 sem. hrs.

Students must take three credits in Honors Thesis and complete all other requirements for the major. Six credits in Honors Courses will replace six credits of Theatre Arts electives. Honors students must maintain a GPA of at least 3.5. Honors thesis supervision will be undertaken by a faculty member approved by the chair, the Department Honors Coordinator, and the Faculty Advisor.

Minor in Theatre Arts**(Performance, Directing, & Design)**

Performance Courses

Theatre Arts 1133 or 1134; 1144 or 2244 or 3431 5-6 sem. hrs.

Technical & Design Courses

Theatre Arts 2210, 2211** 6 sem. hrs.

Literature & Directing Courses

Theatre Arts 2258, 3445 or 3333 6 sem. hrs.

TOTAL 17-18 sem. hrs.

Minor in Theatre Arts for Teacher Certification

Performance Courses

Theatre Arts 1133 or 1134, 1144 or 2244, 3431 8-9 sem. hrs.

Technical & Design Courses

Theatre Arts 2210, 2211** 6 sem. hrs.

Literature & Directing Courses

Theatre Arts 2258, 3445 or 3333 6 sem. hrs.

Theatre Arts 3400 3 sem. hrs.

TOTAL* 23-24 sem. hrs.

**A fee is required in Theatre Arts 2210 and 2211 for shop materials.

LUMPKIN COLLEGE OF BUSINESS AND APPLIED SCIENCES

Martha Brown, *Dean (Acting)*

Kathleen Bennett, *Assistant to the Dean*

Jacqueline Joines, *Development Officer*

Lisa Dallas, *Assistant to the Dean for Academic Computing*

Mary Hennig, *Academic Advisor, School of Business*

Betsy Miller, *Academic Advisor, School of Technology*

Lea Northam, *Academic Advisor, School of Business*

Rose Myers-Bradley, *Academic Advisor, School of Family and Consumer Sciences*

Renee Stroud, *Admissions Officer and Internship Coordinator, School of Business*

General Mission

The mission of the Lumpkin College of Business and Applied Sciences is to create an academic environment based on intellectual inquiry that facilitates for stakeholders the development of personal, professional, and technical characteristics that have economic and social value.

Bachelor's degrees are earned through a variety of programs. Business majors include Accountancy, Business Administration, Computer Information Systems, Finance, Management, and Marketing. The Applied Sciences include programs in Family and Consumer Sciences and Technology. The Family and Consumer Sciences major provides options in Dietetics, Business, and Family Services. The Industrial Technology major has an option in Manufacturing Technology and several concentrations. Students may also choose a major in Career and Organizational Studies or Career and Technical Education with emphasis in Business Education, Family and Consumer Sciences Education, or Technology Education.

In addition, students from other majors can pursue minors in Business Administration, Computer Information Systems, Family and Consumer Sciences and Industrial Technology, along with teacher certification minors in Career and Technical Education with emphases in Business, Family and Consumer Sciences, and Technology Education

Military Science offers academic minors in two- and four-year programs leading to commissions as officers in the United States Army. Students in the Military Science/Reserve Officers Training Corps (ROTC) can pursue any major recognized by the University.

Graduate programs include the Master of Business Administration, the Master of Science in Family and Consumer Sciences, and the Master of Science in Technology, as well as the Master of Arts in Gerontology, a multi-disciplinary program administered in the College. (See the Graduate Catalog for further information on graduate programs.)

Faculty of the Lumpkin College of Business and Applied Sciences

School of Business (581-2627)

Michael L. Boorum, *Chairperson*

Wayne Chandler, *Associate Chairperson*

Toni Smith, *Director of Administrative Development*

Allen, W.; Born, W.; Brankey, E.; Chandler, W.; Chiou, I.; Davis, H.; Dudley, L.; Dudley, S.; Elmuti, D.; Garrett, N.; Graves, P.; Green, H.; Jordan-Wagner, J.; Joyce, W.; Joyner, A.; Kathawala, Y.; Kemmerer, B.; Ketler, K.; Kopel, R.; Larabee, S.; Larson, S.; Lundgren, C.; Marlow, E.; Marlow, N.; Mills, T.; Moncada, T.; Monippallil, M.; Nantz, K.; Noll, C.; Palmer, R.; Prasad, J.; Roszkowski, C.; Snell, J.; Wayland, J.; Whitaker, R.; Wilkins, M.; Willems, J.; Wootton, C.

School of Family and Consumer Sciences (581-6076)

Loretta Prater, *Chairperson*

Bateman, P.; Brown, M.; Burns, M.; Campanis, L.; Dilworth, J.; Gosselin, L.; Hubbard, M. L.; McAlister, P.; Murphy, F.; Ozier, S. J.; Simpson, L.; Slavik, J.; Snyder, J.

School of Technology (581-3226)

Mahyar Izadi, *Chairperson*

Age, P.; Boldrey, T.; Butler, L.; Felstehausen, J.; Greathouse, L.; Guccione, S.; Helsel, L.; Liu, P.; Luft, R.; Messer, J.; Sutliff, R.; Toosi, M.; Waskom, T.; Wahby, W.; Woodley, D.

Military Science (ROTC) (581-5944)

Laurence Sefren, *Chairperson*

Almonte, E.; Carey, M.; McKenney, D.; Pace, R.; Reinhardt, G.; Richards, M.; Stokes, T.

School of Business Programs and Policies

*The School of Business academic programs are accredited
by AACSB--The International Association for Management Education.*

Mission Statement

The mission of the School of Business of the Lumpkin College of Business and Applied Sciences is to deliver high quality undergraduate and graduate business programs that educate students who are prepared to contribute positively to businesses, government, and nonprofit organizations and to continue life-long learning in a changing and diverse world. The School of Business places highest priority on excellence in teaching that is enhanced by intellectual contributions and service activities emphasizing applied business scholarship and development of instructional resources.

Business Majors and Minors

The School of Business offers the Bachelor of Science in Business (B.S. in Business) degree with majors in the following areas:

- Accounting
- Business Administration
(available only at Parkland College)
- Computer Information Systems
- Finance
- Management
- Marketing

Freshmen and lower-division students wishing to pursue a B.S. in Business are classified as pre-business and cannot begin upper division business courses until admitted to upper division standing in the School of Business. Admission to the University does not guarantee admission to upper division standing in the School of Business.

The Bachelor of Science in Education (B.S. in Education) with a major in business education is available to students interested in a career in secondary education. Admission to the School of Business is not required for students enrolled in the B.S. in Education degree program; however, they must be admitted to teacher education through the College of Education and Professional Studies as described at page 89 of the catalog.

The School of Business offers two minors:

- minor in Business
- minor in Computer Information Systems

Application Criteria

To apply for admission to upper division standing in the School of Business, a student must:

1. Be admitted to EIU;
2. Submit an application to the School of Business prior to the first day of classes for the semester of desired admission;
3. Have earned a cumulative GPA of at least 2.50 (2.75 for students applying to the accounting program) and have all transcripts on file at the time of application;
4. Have completed at least 60 semester hours by the end of the semester in which the student makes application;
5. Have completed (with a grade of C or better in each), or be enrolled in, the following four tool courses or acceptable equivalent at a transfer institution:
 - MAT 1271 Algebra II*
 - BUS 1950 Computer Concepts and Applications for Business
 - BUS 2102 Managerial Accounting
 - BUS 2810 Business Statistics I

*Students may be exempt based on their ACT math scores

6. Be in good academic standing; and
7. Be classified as pre-business.

Students intending to major in accounting are subject to additional admission requirements as detailed on page 79.

A student cannot be enrolled in any 3000-level business courses at the time of application to the School of Business.

Transfer Students

New transfer students who meet items 3-6 of the application criteria (previous) should indicate on the application for admission to the University that they intend to major in a School of Business program. No special application to the School of Business is required. Grades received from other schools that are accepted at EIU will be used in calculating the GPA for entrance into the School of Business. Transfer students must submit official transcripts to the University Admissions Office immediately following the end of each grading period.

Acceptance to School of Business

Students who meet the application criteria will be accepted to upper division standing conditional upon their successful completion of all the following admission requirements:

1. Completion of 60 semester hours;
2. Completion, with a grade of C or better in each, of all of the following tool courses:

- MAT 1271 Algebra II*
- BUS 1950 Computer Concepts and Applications For Business
- BUS 2102 Managerial Accounting
- BUS 2810 Business Statistics I

*Students may be exempt based on their ACT math scores

Conditionally admitted students who do not complete these admission requirements continue in pre-business status and must submit a new application for reconsideration at a later time. The School of Business Committee on Admission reviews admissions appeals. All decisions of the Committee are final.

Further Information and Applications

Please contact the following offices for additional information and application forms:

Currently Enrolled Students

Office of Undergraduate Studies
in Business
School of Business
Lumpkin Hall, Room 112
Eastern Illinois University
Charleston, IL 61920
217-581-2623

New Transfers

Office of Admissions
Old Main, Room 117
Eastern Illinois University
Charleston, IL 61920
217-581-2223
800-252-5711

School Of Business Academic Programs

All business majors complete a curriculum composed of three components: general education course work, the business core curriculum, and the major curriculum. The requirements of each of these curricula are described below.*

General Education Curriculum

EIU requires all undergraduate students to complete the general education curriculum, which is described in Section VI of this catalog. The General Education includes 40 semester hours of course work from a variety of disciplines. Students who have not completed the foreign language requirement in high school further are required to complete two foreign language courses. To develop background knowledge for the study of business, business majors also must complete the following general education (non-business) courses:¹

MAT 2110G	Brief Calculus with Applications	3 sem. hrs.
MAT 2120G	Finite Mathematics	3 sem. hrs.
ECN 2801G	Principles of Economics I.....	3 sem. hrs.
ECN 2802G	Principles of Economics II.....	3 sem. hrs.

Business students are encouraged to complete the general education curriculum as early as possible.

Business Core Curriculum

The Business Core curriculum is designed to help students develop the foundation knowledge and skills common to all areas of business. Completion of the following courses is required to fulfill the Business Core Curriculum:

BUS 1950	Computer Concepts and Applications for Business ²	3 sem. hrs.
BUS 2101	Financial Accounting ²	3 sem. hrs.
BUS 2102	Managerial Accounting ²	3 sem. hrs.
BUS 2750	Legal and Social Environment of Business ...	3 sem. hrs.
BUS 2810	Business Statistics I ²	3 sem. hrs.
BUS 3010	Management and Organizational Behavior ...	3 sem. hrs.
BUS 3470	Principles of Marketing	3 sem. hrs.
BUS 3500	Management Information Systems ³	3 sem. hrs.
BUS 3710	Business Financial Management	3 sem. hrs.
BUS 3950	Operations Management	3 sem. hrs.
ECN 3860	International Economics	3 sem. hrs.
BUS 4360	Strategy and Policy.....	3 sem. hrs.
TOTAL	36 sem. hrs.

*These curriculum requirements are modified for students enrolled in the B.S.B. in Business Administration at Parkland College. See program description at page 79.

¹One of the mathematics courses may be used to satisfy the Mathematics segment of EIU General Education requirements, and one of the economics courses may be used to satisfy 3 semester hours of the Social and Behavioral Sciences segment of EIU General Education requirements. Some students may be required to take MAT 1271 (Algebra II) depending on their ACT math scores.

²Must be completed prior to admission to School of Business.

³Not required of Accounting or Computer Information Systems majors.

Major Curricula

Each of the business majors includes additional upper division course work that provides the opportunity for more in-depth study of a specific business discipline and for further development of students' business skills. Students generally begin their major course work during the junior year. Descriptions of the course work required for each of the business majors begins on the next page.

School of Business General Policies

1. Students pursuing a degree other than the B.S. in Business cannot count more than 30 semester hours of business subjects toward fulfillment of their bachelor's degree requirements
2. Business majors must complete at least 50% of the semester hours required for graduation in non-business courses.
3. To qualify for the B.S. in Business degree from EIU, students must take at least 50% of their business credit hours at EIU.
4. Students may receive a grade in an upper division business class a maximum of two times. After a grade has been received in an upper division business class at EIU, the School of Business will not accept subsequent transfer of an equivalent course from another school.
5. Upper-division business students who are academically dismissed from EIU are reclassified as pre-business. Once readmitted to the university, the student must reapply to the School of Business and meet all application and admission criteria before being allowed to take upper-division business courses.
6. Students desiring double majors in the School of Business must complete the major course requirements for both majors with a combined minimum of 42 semester hours exclusive of courses in the business core.

SCHOOL OF BUSINESS: ACADEMIC PROGRAMS

The School of Business academic programs are accredited
by AACSB--The International Association for Management Education

ACCOUNTING (B.S. in Business)

Major

Accountancy is the art of accumulating, measuring, communicating, and interpreting financial activity. The accounting program at EIU prepares students for careers in accountancy in the public, private, and governmental sectors. The curriculum emphasizes both theoretical and practical aspects of accountancy; integrates the knowledge base, values, and skills necessary for business planning, control and decision making; and provides students with the technical proficiency and communication skills required of accounting professionals.

Accounting Program's Mission Statement

The accounting program at EIU will be recognized as a program of choice providing superior yet attainable education to well-qualified students leading to successful careers in accountancy and related fields. Priority is placed on excellence in teaching to be enhanced by intellectual contributions emphasizing applied scholarship and development of instructional resources and by interaction with the accounting profession.

Admission and Retention Requirements

Entry to the highly competitive, rapidly changing accounting profession is generally restricted to the graduates of academically rigorous and challenging programs. Students applying to the accounting program must satisfy the requirements for admission to the School of Business and **must have a cumulative GPA of 2.75 at the time of application for admission to the School of Business.**

Accounting majors may repeat a maximum of two upper-level (3000 or above) accounting courses in which they have received grades of D, F, or WF. Students may take upper-level (3000 or above) accounting courses only after final admission to the accounting program or with permission of the Chair of the School of Business.

Admission by Exception. A student who otherwise satisfies the School of Business admission requirements but whose cumulative GPA is below 2.75 may apply for admission to the accounting program by exception. A committee of faculty will interview the applicant and review the student's academic record. If the committee approves admission by exception, the student will be admitted on probation and the committee will monitor the student's progress. Probationary status will be removed by approval of the committee after specified requirements are met.

IMPORTANT NOTICE: Beginning in 2001, anyone wishing to take the Certified Public Accountant (CPA) examination in the state of Illinois will be required to have completed 150 semester hours of college credit including a baccalaureate or higher degree. Of the total hours required for the degree, accounting majors should take at least 90 sem. hrs. of courses outside of the accounting discipline.

Course Requirements

General Education.....	40 sem. hrs.
Other general education courses.....	6 sem. hrs.
Business Core.....	33 sem. hrs.
Major Courses.....	27 sem. hrs.

ACC 3100	Accounting Information Systems
ACC 3200	Financial Accounting Theory I
ACC 3250	Financial Accounting Theory II
ACC 3300	Managerial and Cost Accounting
ACC 4400	Federal Income Taxation I
ACC 4550	Internal Auditing <u>or</u>
	ACC 4600 -- Auditing

MGT 3470	Commercial Law
<i>Plus select two courses from the following:</i>	
ACC 4300	Advanced Management and Cost Accounting
ACC 4500	Advanced Accounting Theory
ACC 4750	Governmental and Not-for-Profit Accounting
ACC 4800	Federal Income Taxation II

Electives (at least 7 sem. hrs. in non-business courses).....14 sem. hrs.
TOTAL.....120 sem. hrs.
Calculation of the major GPA is based on courses taken at EIU with the prefix BUS and ACC and MGT 3470.

BUSINESS ADMINISTRATION* (B.S. in Business)

Major

Business Administration develops the fundamental body of knowledge and analytical tools common to all management positions through study in management, marketing, accounting, information systems, behavioral sciences, economics, and quantitative approaches to decision-making. Enrollment in this degree program is available only at Parkland College and requires admission to the School of Business. See page 77 of the catalog.

Course Requirements

Parkland College A.A. or A.S. Degree.....60-64 sem. hrs.

Including completion of the following courses:

General Education Courses

ECN 101*	Principles of Economics I
ECN 102*	Principles of Economics II
MAT 124*	College Algebra
MAT 141*	Finite Mathematics
Or	Or
MAT 145*	Linear Algebra
MAT 143*	Calculus for Business and Social Sciences

Lower Division Business Core Courses

ACC 101*	Accounting Principles I
ACC 102*	Accounting Principles II
BUS 204*	The Legal Environment of Business
CIS 200*	Business Computer Systems
Or	Or
CSC 105*	Introduce Computers and Their Application To Business and Commerce
MAT 160*	Statistics

EIU Coursework.....56-60 sem. hrs.

Upper division business core courses 21 sem. hrs.

BUS 3010	Management and Organizational Behavior
BUS 3470	Principles of Marketing
BUS 3500	Management Information Systems
BUS 3710	Business Financial Management
BUS 3950	Operations Management
ECN 3860	International Economics
BUS 4360	Strategy and Policy

Major Courses.....	27 sem. hrs.
Upper division courses selected from the business disciplines: Accounting (ACC), Computer Information Systems (CIS), Finance (FIN), Management (MGT), and Marketing (MAR). Students must complete at least one course (3 semester hours) from each of the foregoing business disciplines and no disciplines.**	
Senior Seminar	3 sem. hrs.
Electives (at least 3 sem. hrs. in non-business courses).....	5-9 sem. hrs.
TOTAL	120 sem. hrs.

*Courses available only at Parkland College and may be counted toward A.A. or A.S. degrees at Parkland College.

**Students without relevant work experience may take BUS 4275 (3 sem. hrs. approved internship) with prior written permission of the Associate Chair of the School of Business.

COMPUTER INFORMATION SYSTEMS (B.S. in Business)

Computer Information Systems centers on design, development and management of computer information systems. It focuses on systems analysis and design; database management; event-driven, procedural and object-oriented programming; telecommunications; and user systems management.

Major

General Requirements

University General Education	40 sem. hrs.
Other general education courses.....	6 sem. hrs.
Business Core.....	33 sem. hrs.

Major Requirements

- CIS 2000, Problem Solving with Visual Basic
- CIS 3000, Information Systems Design and Development
- CIS 3200, Networking Fundamentals
- CIS 4000, Database: Design and Management

And one of the following concentrations:

- Corporate Systems Development
- User Systems Management
- Telecommunications Systems
- Client/Server Systems

<u>Electives</u> (at least 8 sem. hrs. in non-business courses).....	14 sem. hrs.
TOTAL	120 sem. hrs.

Corporate Systems Development Concentration

- CIS 3300, Business Programming in COBOL
- CIS 3320, Business Programming with C
- CIS 3340, File Organization and Management Methods
- Plus 6 sem. hrs. selected from:*
- CIS 3350, MVS Job Control Languages and Utilities
- CIS 3900, Java Programming
- CIS 4310, Decision Support Systems for the Management Sciences.
- CIS 4330, Advanced Java Programming
- CIS 4350, Interactive Business Systems

User Systems Management Concentration

- CIS 3500, Advanced Microcomputer
- CIS 3520, Communication for CIS Professionals
- CIS 4500, Management of User Systems
- Plus 3 sem. hrs. selected from:*
- CIS 3300, Business Programming in COBOL
- CIS 3720, Telecommunications Programming with Visual Basic
- Plus 3 sem. hrs. selected from:*
- CIS 3510, Business Presentations and Document Design
- CIS 3530, Business Web Site Design and Development
- CIS 3700, Local Area Networking
- CIS 3740, Fundamentals of E-Commerce

Telecommunications Concentration

- CIS 3700, Local Area Networks
- CIS 3720, Telecommunications Programming with Visual Basic
- CIS 3740, Fundamentals of E-Commerce
- CIS 4700, Internetworking
- Plus 3 sem. hrs. selected from:*
- CIS 3320, Business Programming with C
- CIS 3500, Advanced Microcomputer
- CIS 3520, Communication for CIS Professionals
- CIS 3530, Business Web Site Design and Development
- CIS 4310, Decision Support Systems for the Management Sciences

Client/Server Systems

- CIS 3320, Business programming with C
- CIS 3700, Local Area Networks
- CIS 3900, Java Programming
- Plus 6 sem. hrs. selected from:*
- CIS 3720, Telecommunications Programming with Visual Basic
- CIS 4310, Decision Support Systems for the Management Sciences
- CIS 4330, Advanced Java Programming
- CIS 4700, Internetworking

Calculation of the major GPA based on course taken at EIU with the prefix BUS and CIS.

Minor in Computer Information Systems 21 hours required

15 semester hours:

- BUS 1950, Computer Concepts and Applications for Business
- CIS 2000, Problem Solving with Visual Basic
- CIS 3000, Information Systems Design and Development
- CIS, 3200, Networking Fundamentals
- CIS 4000, Database: Design and Management

Plus 6 hours form one of the following pairs of courses:

A:

- CIS 3300, Business Programming COBOL
- CIS 4310, DSS for Management Science

B:

- CIS 3500, Advanced Microcomputer Applications and Development
- CIS 3510, Business Presentations and Document Design

C:

- CIS 3530, Business Web Site Design and Development
- CIS 3700, Local Area Networks

D:

- CIS 3320, Business Programming with C
- CIS 4310, Decision Support Systems for the Management Sciences

E:

2 Computer/Information Systems courses in another field of study (cannot be double counted in a major and the CIS minor)

FINANCE (B.S. in Business)

Major

The finance major provides students with a basic knowledge of corporate financial management, financial institutions, investments, real estate, and insurance. Enrollment in this major requires admission to the School of Business. See page 77 of the catalog.

Course Requirements

General Education	40 sem. hrs.
Other general education courses	6 sem. hrs.
Business Core	36 sem. hrs.
Major Courses	27 sem. hrs.
FIN 3720 Investments	

FIN 3730	Financial Markets and Institutions
FIN 3770	Working Capital Management
FIN 3780	Long-Term Financial Management

Plus 5 courses (at least 4 must have FIN prefix) selected from the following:

FIN 3740	Real Estate Fundamentals
FIN 3750	Commercial Bank Management
FIN 3900	Risk and Insurance
FIN 4040	Real Estate Finance
FIN 4200	Portfolio Management
FIN 4300	Professional Financial Planning
FIN 4820	International Finance
FIN 4830	Current Issues in Finance
ACC 3200	Financial Accounting Theory I
ACC 3300	Management and Cost Accounting

Elective (at least 8 sem. hrs. in non-business courses)... 11 sem. hrs.
TOTAL 120 sem. hrs.

Calculation of the major GPA is based on courses taken at EIU with the prefix BUS and FIN, plus ACC 3200, 3300 (if taken).

MANAGEMENT (B.S. in Business)

Major

Management majors take a core of basic management courses. Students then may select from courses in areas of human resource management, international business, management internship, or related areas of business to meet their career objectives. Because the study of management lends itself to many disciplines, job opportunities are found in profit and not-for-profit, small and large organizations. Enrollment in this major requires admission to the School of Business. See page 77 of the catalog.

Course Requirements

General Education 40 sem. hrs.
Other general education courses 6 sem. hrs.
Business Core 36 sem. hrs.
Major Courses 27 sem. hrs.

Plus 6 courses (at least 4 must have MGT prefix) selected from the following:

MGT 3450	Human Resource Management
MGT 4310	Organizational Behavior
MGT 4320	Small Business and Entrepreneurship
MGT 3470	Commercial Law
MGT 3480	Law of Business Organizations
MGT 3830	Managerial Communications
MGT 4275	Internship in Management
MGT 4340	Strategic Quality Management
MGT 4370	Compensation Management
MGT 4450	Labor Relations and Employment Law
MGT 4500	Human Resource Development
MGT 4550	Current Issues in Human Resource Management
MGT 4600	International Business Policy and Operations
MGT 4800	Management of Innovation and Technology
MGT 4950	Management Consulting Research
MAR 3720	Buyer Behavior
MAR 4470	Professional Sales
MAR 4490	International Marketing
MGT 3800	Introduction to Operations Research

Electives (at least 8 sem. hrs. in non-business courses)... 11 sem. hrs.
TOTAL 120 sem. hrs.

Calculation of the major GPA is based on courses taken at EIU with the prefix BUS and MGT, plus MAR, CIS, and COM courses taken at EIU and selected in the major.

MARKETING (B.S. in Business)

Major

Eastern's marketing program prepares graduates for entry positions in careers such as marketing management, professional sales, and marketing research. Marketers are involved in both private and public sector organizations. Enrollment in this major requires admission to the School of Business. See page 77 of the catalog.

Course Requirements

General Education 40 sem. hrs.
Other general education courses 6 sem. hrs.
Business Core 36 sem. hrs.
Major Courses 24 sem. hrs.

MAR 3720 Buyer Behavior

MAR 4700 Marketing Strategies

And one of the following concentrations:

General Marketing Concentration or

Marketing Communications Concentration or

Sales Management Concentration or

Small Business/Entrepreneurship Concentration

Electives (at least 8 sem. hrs. in non-business courses)... 14 sem. hrs.

TOTAL 120 sem. hrs.

General Marketing Concentration

Eighteen semester hours selected from:

MAR 3490 MAR 4100 MAR 4490

MAR 3780 MAR 4470 MAR 4740

MAR 3860 MAR 4480 MGT 4320

MAR 3875

Marketing Communications Concentration

MAR 3780 Promotion Management

Plus 12 semester hours selected from:

MAR 3490 MAR 4100 MAR 4490

MAR 3860 MAR 4470 MAR 4740

MAR 3875 MAR 4480

Plus one of the following courses:

JOU 3501 JOU 3820 SPC 3920

Sales Management Concentration

MAR 4470 Professional Sales

MAR 4480 Sales Management

Plus 12 semester hours selected from:

MAR 3490 MAR 3875 MAR 4740

MAR 3780 MAR 4100 MGT 4320

MAR 3860 MAR 4490

Small Business/Entrepreneurship Concentration

MAR 4470 Professional Sales

MGT 3450 Human Resource Management

MGT 4320 Small Business and Entrepreneurship

Plus 3 semester hours selected from:

MGT 3470 MGT 3480 MGT 4330

Plus 6 semester hours selected from:

ACC 3300 FCS 3790 ECN 3810

ACC 3200 ECN 3870 ECN 4751

ACC 4400 CIS 3500 CIS 3520

Any Computer and Information Systems (CIS), Finance (FIN), Management (MGT), or Marketing (MAR) courses except CIS 4275, FIN 4275, MGT 4275, or MAR 4275. Internships may NOT substitute for a required courses.

FCS 3280

Calculation of the major GPA for the General Marketing, Marketing Communications, and Sales Management Concentrations is based on courses taken at EIU with the prefix BUS, MGT and MKT. Calculation of the major GPA for the Small Business/Entrepreneurship Concentration is based on courses taken at EIU with the prefix BUS, ACC, CIS, COM, FIN, MGT, and MKT.

Minor in Business

The Business Minor enables students enrolled in non-business majors to take a cross-section of business courses to complement their majors. All non-business majors (including those completing the business minor) are limited to no more than 25 percent (30 semester hours) of undergraduate course work in business courses.

Course Requirements:

BUS 2101	Financial Accounting	3 sem. hrs.
BUS 3010	Management and Organizational Behavior ..	3 sem. hrs.
BUS 3470	Principles of Marketing	3 sem. hrs.
FIN 2710*	Survey of Finance.....	3 sem. hrs.

*Students who have the prerequisites (BUS 2102, ECN 2802, and junior standing) may substitute BUS 3710 for this course.

Plus 9 semester hours selected from:

BUS 1950	Computer Concepts and Applications for Business
BUS 2102	Managerial Accounting
BUS 2750	Legal and Social Environment of Business
BUS 2810	Business Statistics I
BUS 3500	Management Information Systems
BUS 3950	Operations Management
CIS 2000	Problem Solving With Visual BASIC
CIS 3500	Advanced Microcomputer Application and Development
CIS 3510	Business Presentation and Document Design
MAR 3720	Buyer Behavior
MAR 3875	Retail Management
MGT 3450	Human Resource Management
MGT 3830	Managerial Communications
MGT 4310	Organizational Behavior

SCHOOL OF FAMILY AND CONSUMER SCIENCES: ACADEMIC PROGRAMS

The Family and Consumer Sciences Program is accredited by the American Association of Family and Consumer Sciences.

FAMILY AND CONSUMER SCIENCES (B.S.)

Major in Family and Consumer Sciences:

Option in Dietetics

(Awarded developmental accreditation by the American Dietetic Association)

Family and Consumer Sciences 1120, 1121, 1800, 2100, 2140, 2244, 2270, 2800, 3120, 3151, 3300, 4150, 4274, 4275, 4750, 4751, 4940	51 sem. hrs.
Biological Sciences 1004G, 2001G	6 sem. hrs.
Chemistry 1310G, 1315G, 1410, 1415, 2430, 2435, 3450	16 sem. hrs.
Mathematics 2250G	4 sem. hrs.
Business 1950, 2101, 3010	9 sem. hrs.
Psychology 1879G	3 sem. hrs.
Sociology 2750G	3 sem. hrs.
TOTAL	92 sem. hrs.

Option in Family and Consumer Sciences in Business

Family and Consumer Sciences 1800, 2100, 2244, 2270, 2800, 3300, 3920, 4274, 4275, 4400	25 sem. hrs.
Business 1950, 2101, 3010, 3470	12 sem. hrs.
Finance 2710	3 sem. hrs.
Area I or II or III	33-40 sem. hrs.
TOTAL	73-80 sem. hrs.

Area I (Merchandising)

A minimum of 33 semester hours of course work including study in fashion buying and distribution, business and product communications, clothing and textiles, social and historic aspects of clothing, consumer concerns, economics, human resource management, and psychology.

Area II (Consumer Affairs)

A minimum of 30 semester hours of course work including study in the areas of business and product communications, personal and financial investments, foods principles, consumer concerns, legal concerns, social behavior, economics, and human resource management.

Area III (Hospitality Management)

A minimum of 40 semester hours of course work including study in the areas of microbiology, foods principles and sanitation, hospitality industry operations and administration, quantity food production, food systems management, legal concerns, business and product considerations, managerial accounting, and internship.

Option in Family Services

Family and Consumer Sciences 1120, 1800, 2100, 2244, 2270, 2800, 2850, 3300, 3307, 3853, 4274, 4275, 4400, 4840, 4845	41 sem. hrs.
Select 14 sem. hrs. from the following:	
Family and Consumer Sciences 2831, 3800, 3820, 4300, 4753, 4820, 4846, 4851, 4854, 4859, 4860	14 sem. hrs.
Psychology 1879G, 3521, 3780	9 sem. hrs.
Sociology 2710G, 2750G, 3600	9 sem. hrs.
TOTAL	73 sem. hrs.

(Major GPA based on all Family and Consumer Sciences courses taken at EIU.)

Honors Program for Family and Consumer Sciences Majors with a 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have at least a 3.50 GPA on a 4.0 point scale, and permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the Family and Consumer Sciences Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Family and Consumer Sciences 2190	
Honors Nutrition	3 sem. hrs.
OR	
Family and Consumer Sciences 4444	
Honors Independent Study	3 sem. hrs.
Family and Consumer Sciences 4555	
Honors Research	3 sem. hrs.

Family and Consumer Sciences 4644	
Honors Thesis*	3 sem. hrs.
Family and Consumer Sciences	
Graduate Level Course**	3 sem. hrs.
TOTAL	12 sem. hrs.#

*Honors Thesis required by University Honors guidelines.

**5000-5499 graduate course approved by the School of Family and Consumer Sciences. (Must be taken in senior year -- University guidelines)

#Student may petition (see below) School of Family and Consumer Sciences to substitute up to three (excepting FCS 2190) semester hours of FCS Honors Credit for requirements within the major.

Procedures:

Student petitions must be submitted to the School of Family and Consumer Sciences' Honors coordinator who will in turn submit the request to faculty in the appropriate subject matter area.

Requirements within the student's subject matter option and the School of Family and Consumer Sciences' core curriculum will have to be addressed and satisfied before approval is recommended. The recommended petition will then require the signature of the School of Family and Consumer Sciences Chair for final approval.

Minor in Family and Consumer Sciences

Family and Consumer Sciences 1800, 2100, 3300.....	9 sem. hrs.
Electives in Family and Consumer Sciences In consultation with a Family and Consumer Sciences advisor and including at least three Additional semester hours of courses	
Numbered 3000 or above.....	12 sem. hrs.
TOTAL	21 sem. hrs.

SCHOOL OF TECHNOLOGY: ACADEMIC PROGRAMS

The Industrial Technology program is accredited by the National Association of Industrial Technology.

CAREER AND ORGANIZATIONAL STUDIES (B.S.)

The Career and Organizational Studies Program offers a bachelor of science degree with a major in Career and Organizational Studies. This program is designed specifically for adults with significant employment experience and allows them to pursue a bachelor's degree on a part-time basis. Academic credit for college level learning from prior occupational experiences is available through preparation and assessment of a portfolio.

General Requirements

Humanities and Fine Arts	9 sem. hrs.
Language	9 sem. hrs.
Mathematics	3 sem. hrs.
Scientific Awareness	7 sem. hrs.
Senior Seminar.....	3 sem. hrs.
Social and Behavioral Sciences.....	9 sem. hrs.

Major

Major Requirements

Career and Organizational Studies 4810	3 sem. hrs.
Career and Organizational Studies 4820	3 sem. hrs.
Career and Organizational Studies 4830	3 sem. hrs.
Technical Specialization	20 sem. hrs.
Prior Occupational Learning	1-30 sem. hrs.*

Electives

Career and Organizational Studies 4275	1-15 sem. hrs.
Career and Organizational Studies 4300	3 sem. hrs.
TOTAL	120 sem. hrs.**

Areas of Concentration

Students may also select an area of concentration consisting of courses taken in addition to the General Requirements and Major Requirements. Each concentration is planned to supplement the student's professional goals or personal interests and must be done in consultation with the student's advisor. The two areas of concentration and the recommended electives for each are as follows:

Training/Development

Nine semester hours from the following list of courses. Courses must be taken from at least two different departments:

Career and Organizational Studies 4275*, 4300*, 4800, 4840,4850*
English 4760
Educational Foundations 4750
Secondary Education 4751
(*3 semester hour limit)

Supervision/Leadership

Nine semester hours from the following list of courses. Courses must be taken from at least two different departments.

Career and Organizational Studies 3500, 4300*, 4850*
Industrial Technology 4943
Psychology 3250, 3530
Business 3010
Speech Communication 3300, 4470
Sociology 2840
(*3 semester hour limit)

*Credit may be granted via Career and Organizational Studies 3200 or other course numbers within the particular academic department via preparation and submission of a portfolio which explicitly describes college-level learning based on prior occupational experiences.

**Must contain at least 25 sem. hrs. of courses from EIU.

CAREER AND TECHNICAL EDUCATION (B.S.)

Major

1. General Education	47-48 sem. hrs.
Language Arts.....	9 sem. hrs.
ENG 1001G, 1002G, SPC 1310G	
Must have a grade of C or better in each course.	
Humanities and Fine Arts	9 sem. hrs.
Social and Behavioral Sciences	9 sem. hrs.
Must have a US Constitution Course.	
Scientific Awareness	9 sem. hrs.
Biological-a minimum of 3, physical-a minimum of 3, Elective to Complete 9 hours. Must include one lab course.	

Mathematics.....	3 sem. hrs.
(Business Education students must take MAT 2250G ... 4 sem. hrs.) Must have a grade of C or better.	
Senior Seminar	3 sem. hrs.
US History.....	3 sem. hrs.
HIS 2010 or HIS 2020	
Health and Physical Development.....	2 sem. hrs.

2. Career and Technical Education Core 10-12 sem. hrs.

CTE 2000.....	2 sem. hrs.
CTE 3100.....	3 sem. hrs.
CTE 3400.....	3 sem. hrs.
Concurrently with Business Education	
CTE 3401.....	2 sem. hrs.
CTE 3402.....	2 sem. hrs.
Family and Consumer Sciences	
CTE 3403.....	2 sem. hrs.
Industrial Technology Education	
CTE 3404.....	2 sem. hrs.
<i>Students must have a grade of C or better in each of the above courses.</i>	

3. Professional Education..... 23-30 sem. hrs.

EDF 2555, 4450.....	6 sem. hrs.
SED 3330.....	3 sem. hrs.
EDP 3325.....	3 sem. hrs.
SPE.....	3 sem. hrs.
STG 4000, STC 4001.....	15 sem. hrs.
or EDF 2555.....	3 sem. hrs.
SED 3000, 3100, 4000.....	20 sem. hrs.
Note: Students must have a C or better in each of the above courses except for SED 3000, 3100, and 4000 which are credit/no credit.	

4. Emphasis in Business Education, Family and Consumer Sciences Education, or Technology Education

Business Education Emphasis 36 sem. hrs.

CIS 3510, 3520, 3500 and one of the following: CIS 2000, 3200, or 3530	12 sem. hrs.
CTE 1420, BUS 1950, 2101, 2102, 3710.....	15 sem. hrs.
CTE 3000.....	3 sem. hrs.
ECN 2801G, 2802G	6 sem. hrs.
OR	

Family & Consumer Sciences Education Emphasis ... 37sem. hrs.

FCS 1120, 1800, 2234, 2244, 2270, 2800, 2850, 3300, 3307, 3853, 4140, 4400, 4800.....	37 sem. hrs.
OR	

Technology Education Emphasis 34-35 sem. hrs.

INT 1012, 1363, 1413, 2064 (or 1263 + 4002), 2324.....	16-17 sem. hrs.
One Concentration of Construction, Automation and Control, Graphic Communication, Production, General.... 9 sem. hrs.	

Minor in Career and Technical Education (Teacher Certification)

Important: Please check for prerequisites when planning your program.

Career and Technical Education 3100, 3400, plus on of the following to be taken concurrently with 3400: 3401, 3402, 3403, or 3404.....	8 sem. hrs.
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Business Education Emphasis

CIS 3520, BUS 1950, CTE 1420	9 sem. hrs.
Statistics or two semesters of college Mathematics.....	3-6 sem. hrs.
<i>And one of the following:</i>	
Accounting BUS 2101, BUS 2102, and one upper division accounting or finance course.....	9 sem. hrs.
Basic Business ECN 2801G, 2802G	6 sem. hrs.

CTE 3000	3 sem. hrs.
Information Processing CIS 3510, 3500 and one of the following: CIS 2000, 3200, or 3530	9 sem. hrs.
TOTAL	29-32 sem. hrs.

Family and Consumer Sciences Emphasis

FCS 1120, 1800, 2234, 2472, 3850, 2244, or 3300	17-18 sem. hrs.
Electives in FCS	3-2 sem. hrs.
TOTAL	28 sem. hrs.

Technology Education Emphasis*

INT 1364, 1413, 2064, 2324	15 sem. hrs.
INT Electives	9 sem. hrs.
*State certification requires a minimum of 24 semester hours for teaching in the general laboratory. To teach in a unit laboratory the certification requirement is nine semester hours in one concentration	
TOTAL	32 sem. hrs.

INDUSTRIAL TECHNOLOGY (B.S.)

The Industrial Technology program provides a broad education that emphasizes the study of materials, processes, and management. The program is designed to prepare technical or technical management-oriented professionals for employment in business, industry, and government. Individuals interested in working with people, materials, and processes will find Industrial Technology provides an excellent foundation for a challenging career.

Major

Business 1950, Computer Information Systems 2000, Mathematics 2170, or Mathematics 2310.....	3 sem. hrs.
Chemistry 1310G, 1315G	4 sem. hrs.
Economics 2800G or 2801G	3 sem. hrs.
English 3005.....	3 sem. hrs.
Health Studies 3350.....	2 sem. hrs.
Industrial Technology 1043, 1263, 1413, 2324, 3703, 4002, 4843, 4943	24 sem. hrs.
Business 3010	3 sem. hrs.
Mathematics 1340 and 2110G; or 1440G.....	5-6 sem. hrs.
Physics (1151G, 1152G, 1161, 1162) or (1351G, 1352G, 1361, 1362)	8 sem. hrs.
Electives chosen from:	
Business 2121, Industrial Technology 2953, 3012, 3043, 3053, 4673, 4803, (courses will not double count for concentration and to meet elective hours).....	9 sem. hrs.
Technical concentration in automation and control, construction, production, graphic, communication, or general.....	15 sem. hrs.
TOTAL.....	79-80 sem. hrs.

Technical Concentration I: Construction

A minimum of 15 semester hours of course work selected from construction equipment and materials, architectural drafting and blueprint reading, surveying and site planning, construction cost estimating, construction project management, and business law.

Technical Concentration II: Automation and Control

A minimum of 15 semester hours of course work selected from electronic circuits, semiconductor concepts, digital logic, data communication, microcomputer interfacing, data acquisition, robotic control systems, automation and control systems.

Technical Concentration III: Graphic Communication

A minimum of 15 semester hours of course work selected from desktop publishing, computer assisted graphics, digital prepress technologies, communication production, and photography.

Technical Concentration IV: Production

A minimum of 15 semester hours of course work selected from metrology, computer aided drafting and design, CNC, metallurgy,

machining technology, fabrication, plant layout and material handling, robotics, and automation. The concentration must include a minimum of six hours of course work related to industrial processes.

Technical Concentration V: General

A minimum of 15 semester hours of course work of in-depth technological courses to be selected by the student in consultation with the academic advisor and with the approval of the industrial technology program coordinator. The plan must include a minimum of twelve hours of upper division courses, of which nine hours must be in Industrial Technology.

(Major GPA based on all Industrial Technology courses taken at EIU.)

Note: Independent study may not be used for concentrations.

Honors Program for Industrial Technology

Majors with a 3.50 Cumulative GPA

Industrial Technology majors with a cumulative and a major GPA of 3.50 or above, on a 4.00 scale, will be eligible for the Industrial Technology Departmental Honors Program. Twelve semester hours in Industrial Technology Honors courses will replace nine semester hours of program requirements, and three hours of general electives. Two to three hours of Honors Thesis will be required.

Departmental Honors Requirements

In addition to completion of all B.S. degree requirements in Industrial Technology, the student must complete at least 12 hours in the following courses:

Industrial Technology 4444,
 Honors Independent Study¹ 3-4 sem. hrs.
 Industrial Technology 4555, Honors Research² 3 sem. hrs.
 Industrial Technology 4644, Honors Thesis 2-3 sem. hrs.
 Elective courses (5000 through 5499)³ 3 sem. hrs.

¹Up to four hours of Honors Independent Study may be counted toward the 15 hours of required course work in a technical concentration.

²Honors Research credits may be counted toward the nine hours of required Industrial Technology electives.

³May be counted toward technical concentration or required electives in Industrial Technology with the approval of Departmental Honors Coordinator and the Graduate School.

Option in Manufacturing Technology

Business 1950, Computer Information Systems 2000,
 Chemistry 1310G, 1315G 3 sem. hrs.
 Mathematics 2170, or Mathematics 2310 4 sem. hrs.
 Economics 2800G or 2801G 3 sem. hrs.
 Industrial Technology 1043, 1263, 2064,
 2324, 2953, 3053, 3113, 3143, 3703, 4002,
 4023, 4803, 4843, 4943 41 sem. hrs.

Select 12 semester hours from the following courses:

3-6 sem. hrs. required from:

Industrial Technology 4673
 Business 2101, 3010
 English 3005
 Health Studies 3350

and 6-9 sem. hrs. required from:

Industrial Technology 1413, 3012, 3063, 3103,
 3203, 3803, 4274, 4602, 4853, 4970 12 sem. hrs.
 Mathematics (1340 and 2110G) or 1440G 5-6 sem. hrs.
 Physics (1151G, 1152G, 1161, 1162) or
 (1351G, 1352G, 1361, 1362) 8 sem. hrs.
 TOTAL 76-77 sem. hrs.

Minor in Industrial Technology

Industrial Technology 1043, 1263, 4843;
 Business 3010 or Career and Technical
 Education 1420 12 sem. hrs.
 Industrial Technology 3703 or 3012 or
 3043 or 4002 2-3 sem. hrs.
 Electives in Industrial Technology (excluding INT 2200G
 and 3300G) 6-7 sem. hrs.
 TOTAL 21 sem. hrs.

DEPARTMENT OF MILITARY SCIENCE

RESERVE OFFICERS' TRAINING CORPS (ROTC)

General

R.O.T.C. is a leadership development program culminating in a commission (if offered) as an officer in the United States Army. Offered at EIU since 1980, R.O.T.C. can be completed by students majoring in any field of study offered by the University. Entry into the program can be accomplished in the freshman, sophomore, junior or senior year. The program is conducted in two segments; the Basic course and the Advanced course. Full tuition scholarships are available to qualified students. (See Financial Aid section.)

Upon completion of the program, U. S. Army Officer commissions may be offered in either the Adjutant General, Air Defense, Armor, Artillery, Aviation, Chemical, Engineer, Field Artillery, Finance, Infantry, Medical Service, Military Intelligence, Military Police, Ordnance, Quartermaster, Signal or Transportation Branch.

Basic Course: Normally taken in sequence during the freshman and sophomore years; however, classes can be compressed during the sophomore or junior year. Students participating in the basic course incur no military obligation. Classes consist of:

Military Science 1001, 1002.....2 sem. hrs.
Military Science 2100, 2200.....4 sem. hrs.

Credit may also be granted for the basic course for certain members or prior members of the active Army, Army Reserve or Army National Guard upon verification of completion of basic training. Credit may also be granted by verification of completion of High School JROTC or completion of a five-week summer camp (Camp Challenge) at Fort Knox, Kentucky (normally accomplished between the sophomore and junior years). Students attending Camp Challenge may receive academic credit by enrolling in Military Science 2003.

Advanced Course: Taken after the requirements for the basic course have been met. Classes consist of:

Military Science 3001, 3002.....7 sem. hrs.
Military Science 30036 sem. hrs.
Military Science 4001, 4004.....6 sem. hrs.
Military Science 44001-3 sem. hrs.

Military Science 3003 is a five-week summer camp normally taken between the junior and senior year and normally conducted at

Fort Lewis, Washington. Commissioning candidates must also complete one course each in: Military history, communication skills, mathematics, and basic computer skills.

Enrollment Requirements

For the Basic Course

U.S. citizen; at least 17 years of age; physically fit; of good moral character; ability to complete program prior to reaching 28 years of age (waivable).

For the Advanced Course

Completion of, or credit for, Basic course; at least two years of academic study remaining; sign a contract to serve as a commissioned officer in the Active Army, Army Reserves, or National Guard if offered, for a prescribed period; approval of chairperson, Military Science Department.

Benefits of the Program

- Leadership Development
- Adventure Training
- Opportunity to compete for full tuition scholarships
- \$200 per month stipend while enrolled in the Advanced course
- Pay and travel reimbursement for summer camp attendance
- Commission in the United States Army, if offered.

Additional Opportunities

Under the Simultaneous Membership Program (SMP), enlisted members of the Army Reserve or Army National Guard may enroll in the Advanced course and continue to train with their unit.

Opportunities in Airborne, Air Assault and/or other types of Adventure training are available for qualified volunteers.

On-campus opportunities are available with the Leadership Excellence Club, Ranger Challenge Team, Pershing Rifles Drill and Ceremony Team and intramural competition.

Minor in Military Science

Military Science 3001, 3002, 4001, 4004, 4100 14 sem. hrs.
History 3920 3 sem. hrs.
TOTAL 17 sem. hrs.

COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES

Elizabeth Hitch, *Dean*

Douglas J. Bower, *Associate Dean*

Tom Grissom, *Assistant to the Dean for Academic Computing*

Bonnie Wilson, *Assistant to the Dean*

General Mission

The College of Education and Professional Studies is committed to the preparation of professionals in the design and implementation of programs that advance intellectual, physical, psychological, and social well-being. These professionals are to be competent practitioners who are well grounded in research and theory. The College promotes the tradition of teaching and extends to the region and beyond by producing culturally literate and technologically sophisticated teachers, counselors, administrators, coaches, trainers, directors, and therapists.

The professional education units offer degrees and certification in early childhood education, elementary and middle level education, special education, secondary education, health education, physical education, guidance and counseling, and school administration. In addition, non-teaching professional units offer excellent programs in community counseling, community health, safety/driver education, recreation administration, therapeutic recreation, and athletic training. While educating excellent entry-level personnel in undergraduate programs, the College prepares those in its graduate programs for distinguished leadership in meeting future challenges in various institutions. It also serves as an effective center of cultural and educational opportunity, maintaining partnerships with schools, hospitals, business and industry, and other recreational and social agencies.

A strong commitment to quality programs in the College of Education and Professional Studies is demonstrated by a highly qualified and dedicated faculty; a clinically intensive, contemporary curriculum; and recognition by appropriate accrediting and certifying agencies, including the National Council for Accreditation of Teacher Education and the Illinois State Teacher Certification Board.

Admission Requirements

Requirements for admission into teacher preparation programs are listed in this catalog in the section on teacher certification programs. Requirements for admission to graduate programs are given in the *Graduate Catalog*.

Faculty of the College of Education and Professional Studies

Counseling and Student Development (581-2400)

Richard Roberts, *Chairperson*

Alford, K.; Eberly, C.; Fraker, F.; Kayser, L.; Leitschuh, G.; Lyles, J.; Powell, B.

Note: There is no undergraduate program in Counseling and Student Development. For graduate program description, see *Graduate Catalog*.

Educational Administration (581-2919)

Charles Rohn, *Chairperson*

Bartz, D.; Findley, B.

Note: There is no undergraduate program in Educational Administration. For a description of the graduate program, see the *Graduate Catalog*.

Early Childhood, Elementary & Middle Level Education (581-5728)

Carol Helwig, *Chairperson*

Barbour, J.; Barford, J.; Broemmel, A.; Greathouse, N.; Lisowski, M.; Lockart, G.; Nunn, G.; Olsen, M.; Reven, L.; Reid, D.; Stephen, V.; Varble, M.E.

Health Studies (581-5761)

Robert Bates, *Chairperson*

Deming, M.; Dietz, J.; Doyle, K.; Ray, O.; Walker, B.; Woods, S.

Physical Education (581-2215)

Phoebe Church, *Chairperson*

Akers, T.; Albaugh, J.; Ankenbrand, L.; Birkhead, C.; Black, J.; Bonstetter, M.; Church, M.; Collier, T.; Craft, J.; Crawford, S.; Croisant, P.; Doyle, R.; Emmett, J.; Epping, E.; Fischer, R.; Hussey, Ka.; Hussey, K.G.; Jeffers-Gladu, J.; Lambert, R.; Lasley, K.; Little, G.; McCausland, R.; McFarland, G.; McFarland, J.; McInerney, J.; Nordtvedt, N.; Owen, J.; Padovan, R.; Pritschet, B.; Redden, M.; Roche, C.; Russell, W.; Samuels, R.; Schuette, S.; Searle, L.; Spoo, R.; Weemer, S.; Wilkerson, C.; Wittke, R.; Wolf, D.; Woodall, R.; Wunder, L.

Recreation Administration (581-3018)

William Higelmire, *Chairperson*

Holmes-Layman, P.; Pommier, J. H.; Smith, W. A.; Weber, J. J.

Secondary Education and Foundations (581-5931)

Mahmood H. Butt, *Chairperson*

Barker, D.; Cummings, E.; Edwards, A.; Fewell, P.; Freking, T.; Gholson, R.; Greenlaw, M.; Jagusah, O.; Smith, D.; VanGunten, D.; Zhang, R.

Special Education (581-5315)

Kathlene Shank, *Chairperson*

Cook, R.; Cooper, C.; Friedland, B.; Harris, M.; Hooser, C.

Student Teaching (581-2620)

Kathlene Shank, *Acting Chairperson*

Carli, N.; Fischer, W.; Naylor, J.; Quast, G.; Williams, E.

TEACHER CERTIFICATION PROGRAMS

These pages are intended to serve as a general guide for students wishing to qualify for an Illinois teaching certificate. More detailed information is available in the Academic Advisement Guide or through the College of Education and Professional Studies.

Certificates Available

The State of Illinois currently issues a range of teaching certificates, all of which are available through various programs offered by Eastern. They are listed in the following table by name, type, and grade level.

Early Childhood Certificate	Birth through Grade 3
Elementary Certificate	Kindergarten through Grade 9
High School Certificate	Grade 6 through Grade 12
Special Certificate	Kindergarten through Grade 12

Early Childhood and Elementary Certificates

Students interested in an Early Childhood certificate should major in Early Childhood Education. It should be noted that with thirteen additional semester hours, Early Childhood majors may add

Elementary Education certification. For Elementary certification, students should pursue a major in Elementary Education as outlined in this section. Options available in the Elementary Education major are Middle School and General. Each of these options serves a different purpose, and students are urged to consult the Department of Early Childhood, Elementary and Middle Level Education for additional information.

High School Certificates

Eastern offers two routes to a high school certificate. One is by pursuing the Middle Level Education major as outlined in this section. This major, which requires two distinctly different teaching fields rather than more extensive depth in a single field, prepares one to teach in grades 6-12 in those fields listed.

The other route to a high school certificate is through one of the academic majors (with teacher certification).

Using one or the other of the above approaches, teaching endorsements are available in the following subject areas:

Biological Sciences	History
Business Education (see CTE)	Mathematics
Chemistry	Physical Education
Communication Disorders and Sciences*	Physics
English	Psychology
Family/Consumer Sciences (see CTE)	Social Sciences
French	Spanish
German	Speech Communication
	Technology Education (see CTE)
Health Studies	Theatre Arts

*A master's degree is required for state certification.

Special Certificates

Special certificates, valid for teaching from kindergarten through grade 12, are available in the following fields: (Detailed outlines for these majors also are listed in this section.)

Art	Special Education
Music	Speech and Lang. Impaired (Communication Disorders and Sciences)
Physical Education	

Minors

Individuals wishing to pursue a minor may select from those outlined in the catalog. All minors labeled "for Teacher Certification" meet Illinois state requirements for teaching in that subject area, providing one has completed a major in an approved teacher preparation program of the same certificate type. Minors not so identified are considered "non-teaching" minors and, in most cases, do not meet Illinois state teaching requirements.

Note: A student entering Fall 1993 and thereafter must earn a 2.5 CGPA in a teaching minor.

Requirements

Since not all requirements are listed in the same place, students should take note that they must satisfy all of the following:

- University General Education Requirements (See Section VI.)
- Illinois General Education Requirements for certification, effective for applicants for certification after July 1, 1992 (See below.)
- Major Requirements. (See appropriate major.)
- Professional Education Requirements. (See below.)
- Requirements for Admission to Teacher Education. (See below.)
- Graduation Requirements. (See Section V.)

Revised Illinois General Education Requirements

After July 1, 1992, all applicants for certification must meet both the University's General Education requirements (explained in Section VIII) and the revised Illinois General Education requirements. For

Early Childhood and Elementary certificates, these requirements have been incorporated into the Elementary major as outlined elsewhere in this section. Students pursuing a High School or Special certificate should be aware that general education requirements for certification exceed those expected of students at large, so additional courses may be needed. In choosing general education courses, students should take care to select those which will assure that state requirements are also met. Education majors are encouraged to work with their advisors to select appropriate course work.

The following are the revised Illinois requirements (in semester hours) for High School or Special certificates:

1. Communication Skills	9
a. Oral Communication	3
b. Written Communication	6
2. Mathematics and Science	12
a. Mathematics	3
b. Biological and Physical Sciences (Both must be represented, and must include one laboratory course.)	9
3. Humanities*	15
a. American History**	3
b. English	3
c. History and/or	
d. English and/or	
e. Literature and/or	
f. Foreign Language and/or	
g. Fine Arts (Art, Music, Theatre) and/or	
h. Linguistics and/or	
i. Philosophy, to total	9
4. Social Science*	9
a. American Government	3
b. Political Science and/or	
c. Anthropology and/or	
d. Cultural Geography and/or	
e. Economics and/or	
f. Psychology and/or	
g. Sociology, to total	6
5. Health and Physical Development	2
a. Health and/or	
b. Physical Development	
TOTAL	47

*At least one 3-semester-hour course must be taken in non-Western or Third-World cultures from either the Humanities or Social Science. Some courses meeting the EIU General Education cultural diversity requirement may not meet the Non-Western or Third-World requirement for teacher certification. A list of courses which will satisfy this requirement is available through advisors and through the College of Education and Professional Studies.

**Courses in American History or History may be applied toward meeting either the Humanities or the Social Science requirements.

Professional Education Requirements

For individuals seeking certificates in Early Childhood, Elementary Education, or Special Education, the Professional Education requirements are included as a part of the respective major and are outlined elsewhere in this section.

Individuals seeking a High School certificate, or a Special Certificate in Art, Music or Physical Education must complete the following Professional Education requirements. Two professional components are listed. Students may choose either the "Regular Program" or the "Alternate Program" but cannot mix the two. Students must earn a grade of "C" or better in all professional education courses in order to graduate from a teacher certification program.

Regular Program Courses

#Secondary Education 2000 ¹	1 sem. hr.
Educational Foundations 2555	3 sem. hrs.
Educational Psychology 3331	3 sem. hrs.
#Secondary Education 3330	3 sem. hrs.
Departmental Methods 3400 ²	3-6 sem. hrs.

Educational Foundations 4450	3 sem. hrs.
Special Education 3500 ³	3 sem. hrs.
Student Teaching 4000	1 sem. hr.
Student Teaching 4001	14 sem. hrs.
TOTAL	33-37 sem. hrs.

¹Exceptions to this course are in Communication Disorders and Sciences, Music, Physical Education, Career and Technical Education, Family and Consumer Sciences, and Industrial Technology.

²Exceptions to this course number are in art and music.

³Exceptions are: physical education, psychology, and communication disorders and sciences.

#A clinical experience fee is charged for this course.

Professional Education Requirements in Communication Disorders and Sciences

Individuals seeking a Special Certificate in Speech and Language Impaired must complete the following Professional Education requirements:

Regular Program Courses

Educational Foundations 2555	3 sem. hrs.
Elementary Education 2320	
or Psychology 3515	3 sem. hrs.
Communication Disorders and Sciences 3800*	3 sem. hrs.
Educational Foundations 4450	3 sem. hrs.
Psychology 4515 or Special Education 3000	3 sem. hrs.
Communication Disorders and Sciences 5970**	10-12 sem. hrs.
TOTAL	25-27 sem. hrs.

*For information on admission to the major and access to upper division CDS courses, see the description of the Communication Disorders and Sciences major in the College Descriptions and Program Requirements section of this catalog.

**Communication Disorders and Sciences 5970, "School Practicum," is taken at the graduate level. For more information, see the "School Practicum in Communication Disorders and Sciences" section of this Catalog or the Graduate Catalog.

Alternate Secondary Education Program (ASEP)

ASEP is an integrated, competency-based program emphasizing early exposure to the public high school classroom. Instruction is flexible with specific learning modules and a Credit/No Credit grading system. Pre-student-teaching clinical experiences (100 clock hours) are included. Some classes are held in the public schools; car-pooling can be arranged.

For further information concerning either the regular or alternate program, contact the Department of Secondary Education and Foundations.

ASEP Program Courses

#Secondary Education 2000 ¹	1 sem. hr.
Educational Foundations 2555	3 sem. hrs.
Secondary Education 3000 ²	3 sem. hrs.
Secondary Education 3100 ²	3 sem. hrs.
Departmental Methods 3400 ³	3-6 sem. hrs.
Secondary Education 4000 ¹	
(Includes Student Teaching)	14 sem. hrs.
TOTAL	27-30 sem. hrs.

¹Exceptions to this course are in Communication Disorders and Sciences, Music, Physical Education, Career and Technical Education, Business Education, and Family and Consumer Sciences.

²Courses must be taken in sequence but not necessarily in consecutive semesters.

³Exceptions to this course number are in art, business education, music, and English.

#A clinical experience fee is charged for this course.

Illinois Certification Tests

The State of Illinois has established a testing program as a part of its teacher certification requirements. This program consists of a test of basic skills and a subject-matter knowledge test.

The Basic Skills test measures basic skills in reading, writing, grammar, and mathematics. Students are required to pass this test for Formal University Admission to Teacher Education.

It is recommended that students take their subject-matter test after they have had most of the course work in their major, preferably in one of their last two terms. Students should consult their advisors for additional information.

Application for Teaching Certificates

Students should apply for their teaching certificates early in the term in which they will graduate or complete all requirements. Forms and instructions will be distributed by the Student Teaching Coordinators.

Admission to Teacher Education

Selection Process for Undergraduate Teacher Education Programs

All students (including native, transfer and post-baccalaureate students) who wish to enroll in an initial certification program but who have not earned "University Approval to Take Teacher Education Courses" prior to August 17, 1998, must enter a selection pool.

A student is eligible for selection after: (1) submitting formal application for University Admission to Teacher Education, (2) completing 29 s.h. or more of college level course work, (3) establishing a minimum cumulative GPA of 2.5 or higher, and (4) attaining passing scores on the Tests of Achievement and Proficiency (TAP). Once a student identifies that he/she wishes to be part of the next selection pool, the selection score of the student will be computed according to a weighted formula.

For purposes of selection, a Community College or other transfer institution cumulative GPA based on a minimum of 29 s.h. of college level course work may be considered if an EIU cumulative GPA has not been established. Retention in the selection pool will be determined by the EIU cumulative grade point based on 12 s.h. or more of work. Post-baccalaureate teacher education candidates must have a cumulative undergraduate GPA of 2.5 on a 4.0 scale at the point of graduation with the bachelor's degree from an accredited institution. The undergraduate GPA will be used for selection for post-baccalaureate candidates.

Students not selected in a particular selection pool will be included automatically in subsequent selection pools (unless they request to no longer be considered). A student may not be considered for "University Approval to Take Teacher Education Courses" without being selected. Once students are selected, if they fail to meet any of the criteria (for example, their GPA falls below 2.5), they remain selected, but may not take courses requiring "selection" until they again meet all criteria.

University Approval to Take Teacher Education Courses

Approval to take courses does not of itself admit a student to a teacher education program. A student may not be considered for "University Approval to Take Teacher Education Courses" without being selected (see section on Selection Process above). The University Council on Teacher Education determines admission.

Applicants for University Approval to take Teacher Education Courses should be aware that Section 21-1 of the School Code of Illinois states in part, "No one shall be certified to teach or supervise at the public schools of the State of Illinois who is not of good character, good health and at least 19 years of age." In addition to the qualifications required for teacher certification by the State Code, the following are required by the Council on Teacher Education for University Approval to Take Teacher Education Courses:

1. Received official notification of selection (see Selection Process section above).
2. Submitted letter of intent to Office of the Dean, College of Education and Professional Studies.

3. Maintained cumulative GPA 2.5/4.0 (Post-baccalaureate students required to have GPA 2.5 undergraduate, and 3.0 for courses #5000 and above).
4. Completed Speech and Hearing Clearance. Student must schedule an appointment with the Speech, Language, and Hearing Clinic for this.
5. Documented "C" or better in ENG 1001G, ENG 1002G, and SPC 1310G or their equivalents.
6. Documented "C" or better in 3 s.h. of college level math.
7. Documented "C" or better in ELE/MLE 2000 or ELE 2321; SPE 3201 or SPE 3225; SED 2000 or PED 1500 or MUS 2440 or CDS 3700 or CTE 2000.

When a student has met all of the above criteria, he/she will have earned "University Approval to Take Teacher Education Courses."

Formal University Admission to Teacher Education Programs

To be formally admitted to Teacher Education Programs, students must:

- a. Successfully complete SED 3330/EDP 3331 or SED 3100 or ELE 3000 or ELE 3250 or MLE 3110 or SPE 4800/4820 with a grade of "C" or better and earn positive practicum evaluations, thus demonstrating the knowledge, skills and dispositions of one desiring to enter the teaching profession.
- b. Pass the Illinois Certification Test of Basic Skills as determined by the State of Illinois.

Criminal Background Investigations

All teacher certification candidates are required to submit to a criminal background investigation at two points in their academic career: upon selection and prior to student teaching. The criminal background investigations are conducted by the Illinois State Police and are coordinated by the Department of Human Resources and the College of Education and Professional Studies.

University Approval to Student Teach

Approval to Student Teach is a multiple-step process, including earning "Departmental Approval to Student Teach."

After the student has received "University Approval to take Teacher Education Courses," he/she must submit an application to the appropriate department for "Departmental Approval to Student Teach." The Office of the Dean of the College of Education and Professional Studies will send the student's name to the Department for Departmental Approval to Student Teach. Students who entered prior to Fall 1987 must obtain a grade-point average of at least 2.25, both cumulative and in their major, to be admitted to or graduate from a teacher education program. Students entering Fall 1987 or later must obtain a minimum grade-point average of 2.50, both cumulatively and in their major.

Every student planning to student teach must formally apply at the Application to Student Teach Meeting (announced by the Office of Student Teaching). This Meeting is held during the Fall semester preceding the academic year in which the student plans to student teach. All application materials received at that meeting must be completed and turned in to the Office of Student Teaching, 2418 Buzzard Hall, by the announced deadline date. Failure to attend a meeting to apply to student teach or failure to complete the application materials by the deadline will result in a minimum of a one-year delay in student teaching.

Students must have received "University Approval to Student Teach," including department approval, no later than mid-term of the semester prior to student teaching.

A student who is refused "University Approval to Student Teach," or whose approval is revoked, may appeal the decision to the Council on Teacher Education. The decision of the committee is final. Appeal forms may be secured in the office of the Dean, College of Education and Professional Studies.

Departmental Approval to Student Teach

"Departmental Approval to Student Teach" is the responsibility of the candidate's major department and must include the following:

1. Completion of courses in the major with a minimum of a 2.5 GPA and a 2.5 cumulative GPA. (NOTE: Some majors require a higher average in the major; please consult departmental requirements.)
2. A grade of C or better in each professional education course completed.
3. Evidence of recent participation in professional organizations, meetings, and /or appropriate activities with youth.
4. A portfolio submitted by the student to the department which includes: lesson plans, unit plans, and evidence of group work, communication skills, and ability to work well with youth (including #3 above), and a résumé.
5. Other criteria as determined by the student's major department. Department criteria are available in the Department Office.

Education Scholars Program

Beginning Fall 1999, incoming freshman students who have demonstrated excellent scholarship as measured by ACT scores and high school class rank may be eligible to be admitted to the Education Scholars Program in the College of Education and Professional Studies. Students admitted to the program will receive:

- A letter from the Dean of the College of Education and Professional Studies and certificate verifying membership in the Education Scholars Program.
- Automatic selection during the admission to teacher education program process upon application for University Admission to Teacher Education. Education Scholars will be exempt from the TAP test; however they will be required to meet all other requirements for admission, retention, and graduation for teacher education programs.
- An invitation to "special" University Admission to Teacher Education meetings and other recognition activities.
- Special opportunities for interaction with faculty and other Education Scholars.
- Automatic referral to relevant departments for consideration for scholarships.

Students must remain in good academic standing and continue to meet teacher education requirements to remain in the Education Scholars Program.

For information about the Education Scholars Program, contact the College of Education and Professional Studies or the Admissions Office, or visit the College of Education and Professional Studies website at www.eiu.edu/~ceps.

Application of Teacher Education Criteria to Other Programs

B.O.T. B.A. Program

Students pursuing a BOT B.A. degree are not eligible for teacher certification as undergraduates. Those students wishing to pursue teacher certification must either complete a degree in one of the University's approved teacher education programs or complete the BOT B.A. degree and then seek admission to one of the approved teacher education programs as post-baccalaureate students.

Post-Baccalaureate Students

Post-baccalaureate students seeking a teaching certificate through any of EIU's state approved certification programs are expected to meet the full intent of the respective programs. All previous course work, either graduate or undergraduate, will be evaluated in terms of current requirements. This will include general education, a major, and the professional education requirements. Post-baccalaureate students must complete a minimum of 15 semester hours at EIU prior to student teaching.

Departments may require additional course work within their major to bring the student's background into compliance with the intent of this institution's state-approved certification program. Departments may also require previous work to be repeated if it is outdated. Post-baccalaureate students are subject to all Admission to Teacher Education requirements (see previous section).

Individuals who enter the University as post-baccalaureate students must have completed an undergraduate degree program at an accredited institution of higher education and graduated with a cumulative GPA of 2.5 or higher on a 4.0 scale. A post-baccalaureate student's undergraduate GPA will be used for the purpose of selection.

If the student's undergraduate GPA in the area of the approved program he/she wishes to follow was below a 2.50 (on a four point scale), 12 semester hours must be taken in the major to establish a grade-point average in the major of 2.50 or better. (Higher GPAs may be required by some departments.)

A post-baccalaureate student may use the graduate GPA for purposes of selection if the student has successfully completed a master's degree program. (The student has the responsibility of notifying the dean's office and furnishing evidence of the graduate GPA.)

Through the Council on Teacher Education, a post-baccalaureate student may appeal the use of the undergraduate GPA and request the use of an alternative GPA for purposes of selection if the student:

Completed the baccalaureate degree five years ago or more, has evidence of successful work experience since completion of the baccalaureate degree, and has evidence of 12 semester hours of post-baccalaureate course work relevant to teaching certification at a 3.0 GPA level or above.

The appeals decisions of the Council on Teacher Education are final.

Post-baccalaureate certification requires a commitment of a minimum of three or more semesters. Professional education course work and student teaching for some programs are sequenced over four semesters. For most students, the program takes about two years to complete. Not all courses are offered every semester and summer offerings may be limited. In order to be ready to register for classes, a student must have a completed transcript evaluation specifying all courses needed to earn certification. All students must complete General Education, Professional Education, and major department requirements for initial certification. All students considering this program should contact the Office of the Dean, College of Education and Professional Studies. There are fees related to this professional certification transcript evaluation process.

Admission to the Graduate School does NOT constitute Admission to Teacher Education. Students should apply for Admission to Teacher Education within the first twenty days of enrollment as a post-baccalaureate student. Application for student teaching placement is a separate process. Please follow the instructions for student teaching placement as outlined in this catalog.

Revocation of Admission

Under certain conditions admission to teacher education may be revoked by the Council on Teacher Education. Major causes of revocation are explained at the scheduled admissions meeting.

Student Teaching

To be eligible for a student teaching assignment, a student must attain 90 semester hours or more toward graduation and must have complied with all regulations and qualifications relative to "University Approval to take Teacher Education Courses" and "University Approval to Student Teach." Students must register for Student Teaching 4001 through EIU to qualify for graduation. Registration and fees are required as with other regular course work. Students are assigned to student teach in public schools in one of the student

teaching centers located throughout the state. Assignments are made by the Student Teaching Coordinators. The public school cooperating teacher to whom each student is assigned holds licensure consistent with the licensure the student teacher is seeking and the setting and subject area assignment are appropriate to the license. Students engaged in student teaching are limited to a total academic load of 15 semester hours (except in Special Education, Early Childhood Education, Early Childhood Education with dual certification in Elementary Education, and Family and Consumer Sciences) and the number of hours of outside work permitted is restricted.

A full semester (15 or 16 weeks) of assigned student teaching/professional experience is required of all students seeking initial licensure. Students should consult the Professional Education Requirements for Teacher Certification Programs and individual course listings for specific information.

Application Process

Every student planning to student teach must attend the Application to Student Teach Meeting (announced by Student Teaching) during the Fall semester preceding the academic year in which the student plans to student teach. For example, a student who plans to student teach during the 2002-2003 academic year must attend the meeting in Fall 2001. At this meeting students will learn of the procedures they must follow in order to student teach and receive an application package. All application materials received at that meeting must be completed and turned in to Student Teaching by the announced deadline date. *Failure to attend a meeting to apply to student teach or failure to complete the application materials by the deadline will result in a minimum of a one-year delay in student teaching.*

Placement Centers

All student teaching at Eastern is completed in approved sites only. Student Teaching Coordinators make placements, supervise and evaluate student teachers in collaboration with the public school cooperating teacher in the local schools. Students must student teach in an approved site. Students cannot student teach in districts where they attended school or in districts in which relatives are employed or where there is a significant conflict of interest. Students cannot be employed in the district in which they are student teaching. The University retains the right to determine student teaching placement(s).

Many school districts (especially those in the Chicago area) have additional criteria and standards for those who wish to student teach. Placement in the Chicago area is very competitive.

Prerequisites and Requirements for Student Teaching.

1. Course Prerequisites.
 - a. Early Childhood Education Curriculum. Students must have completed Elementary Education 4880 and all prerequisites and co-requisites to it.
 - b. Elementary School Curriculum. Students must have completed Elementary Education 4880 and all prerequisites and co-requisites to it.
 - c. Special Education Curriculum. To student teach in Special Education, students must have completed Special Education 4900 and 4901, and all prerequisites to them.
 - d. Middle Level Education Curriculum. Students must have completed Middle Level Education 3110 and 4280 or an approved substitute and all prerequisites and co-requisites to them. Equivalent courses submitted must be approved by the Dean, College of Education and Professional Studies.
 - e. Secondary and Special Area Curricula. Students must have completed Educational Psychology 3331 and Secondary Education 3330 (except students in the Communication Disorders and Sciences curriculum who take Elementary Education 2320), and all required departmental methods courses and all course prerequisites to those noted.
 - f. Alternate Secondary Education Program. Students in the Alternate Secondary Education Program must follow the same procedures as all other students when applying for a

student teaching assignment. Students in the Alternate Secondary Education Program register for Secondary Education 4000, which includes student teaching. Secondary Education 3000 and 3100 are prerequisites.

- Students must obtain a 2.50 grade-point average, both cumulative and in their major (some majors are higher), to be eligible for student teaching.
- Transfer students must have been in residence at EIU for at least one semester or one summer term.
- A PPD tuberculin test must be completed and documentation provided to University Health Services within 90 days of the beginning of student teaching.
- A Criminal Background Investigation must be completed during the semester prior to student teaching.
- Students will complete a sequence of supervised and evaluated pre-student teaching clinical experiences before the student teaching semester.

Criminal Background Investigations

All teacher licensure candidates are required to submit to a criminal background investigation the semester prior to student teaching. The criminal background investigations are conducted by the Illinois State Police and are coordinated by the EIU Department of Human Resources and the College of Education and Professional Studies.

University Approval to Student Teach

Approval to Student Teach is a multiple-step process, including earning "Departmental Approval to Student Teach." The Office of the Dean of the College of Education and Professional Studies will send the applying student's name to the major department for Departmental Approval to Student Teach. Students entering Fall 1987 or later must obtain a minimum grade-point average of 2.50, both cumulatively and in their major.

Departmental Approval to Student Teach

After a student has applied to student teach s/he must contact his/her own major department and submit an application to that department for "Departmental Approval to Student Teach." "Departmental Approval to Student Teach" is the responsibility of the candidate's major department and must include the following:

- Completion of courses in the major with a minimum of a 2.50 GPA and a 2.50 cumulative GPA. (NOTE: Some majors require a higher average in the major; please consult departmental requirements.)
- A grade of "C" or better in each professional education course.
- Evidence of recent participation in professional organization meetings, and/or appropriate activities with youth.
- A portfolio submitted by the student to the department which includes: lesson plans, unit plans, and evidence of group work, communication skills, and ability to work well with youth (including #3 above), and a resume.
- Other criteria as determined by the student's major department. Department criteria are available in the Department Office.

Students must have received "University Approval to Student Teach," including department approval, no later than mid-term of the semester prior to student teaching (on or before October 15 for Spring student teaching; or on or before March 15 for Fall student teaching). A student who is refused "University Approval to Student Teach," or whose approval is revoked may appeal the decision to the Council on Teacher Education. The decision of the Council is final. Appeal forms may be secured from the Office of the Dean, College of Education and Professional Studies.

Pre-Placement Meeting

The first step in the placement process is a required meeting between the student and the prospective Student Teaching Coordinator who will be making placement arrangements. At this meeting the student and Coordinator will discuss the issues related to placement. Students must know any and all departmental placement requirements prior to meeting with the Student Teaching Coordinator and must have applied for graduation.

Registration

Student teachers must be registered for credit during the student teaching semester. Each student is responsible for registering for the section of STG 4001 (Student Teaching) appropriate for the major:

- Family and Consumer Sciences majors should register for STG 4001, Section 012 (12 sem. hrs.).
- Special Education should register for STG 4001, Section 016 (16 sem. hrs.).
- Early Childhood Education majors and Early Childhood Education majors with dual certification in Elementary Education should register for STG 4001, section 016 (16 sem. hrs.).
- Early Childhood or Early Childhood majors with dual certification should register for STG 4001, section 016 (16 sem. hrs.).
- ASEP students should register for SED 4000 (14 sem. hrs.).
- All other majors should register for STG 4001, Section 014 (14 sem. hrs.).

Responsibilities During Student Teaching

Students have a wide variety of responsibilities during student teaching. These responsibilities may extend well beyond the time when students go home at the end of the day. Student teachers should be prepared to attend school-related activities as determined to be appropriate in consultation with the cooperating teacher.

- Students enrolled in student teaching must assume all necessary transportation and living expenses.
- Students enrolled in student teaching are encouraged to live in the community in which they do their teaching and are expected to follow the local school calendar.
- Student teachers are expected to follow the same schedule as their Cooperating teacher(s). Student teachers will be prepared to engage in school-related activities as determined appropriate in consultation with their cooperating teachers.
- Students engaged in student teaching are expected to participate in all activities with their Cooperating teacher(s). This may include extracurricular activities as guidance programs of the school, audio-visual programs, after-school programs, study hall supervision, preparation of assembly programs, field trips, dramatics, attendance at P.T.O. meetings, faculty meetings, and generally participate as faculty members in all of the activities of the school and community.
- Students who are absent from school (except for student teaching seminars and approved meetings) are expected to complete additional days to make up the days missed.
- Attendance is expected at a series of seminars related to student teaching. Seminars will be planned and implemented by the Student Teaching Coordinators.

Coursework During Student Teaching Semester

Taking additional course during student teaching is strongly discouraged. Students who wish to take another course during the student teaching semester must be granted a waiver from the Academic Waiver Appeals Committee (AWAC). If coursework interferes with the student teaching experience students will be required to drop the course or student teaching.

Outside Activities/Employment During the Student Teaching Semester

If a student's activities or work schedule interferes with student teaching, the student will be requested to make changes in those activities or work schedule so they do not interfere with student teaching.

Termination of Student Teaching Placement

Students are guests of the host school district. A School district and/or the University retains the right to terminate a student teaching placement. A subsequent conference to examine options will be held with the student and the Student Teaching Coordinator and/or

Student Teaching Chair, with input from the major department as needed or appropriate.

STG 4000

ALL teacher licensure majors (including Post Baccalaureate students) MUST take STG 4000 (*except for Communication Disorder and Sciences majors and ASEP students who complete the multicultural requirements within the course modules*). This class is designed to provide experiences with school populations in multicultural settings and students with disabilities. Some students may wish to take STG 4000 during the student teaching semester. Options for STG 4000.

1. A student may take STG 4000 (or STG 3000 with departmental approval) scheduled during Intersession.
2. A student may be placed in an approved multicultural site during student teaching and complete a packet of activities. (There are limited multicultural placement opportunities in most regions.) Students who wish to complete this option must discuss this option with their coordinators during the pre-placement meeting.
3. A student who is student teaching in non-approved sites may complete the course by participating for an additional 25 contact hours in an approved multicultural site. Students who wish to complete this option must sign up in the Student Teaching Office within one week after they receive departmental approval (October 15 or March 15).

Overseas Student Teaching

EIU is a member of the Consortium for Overseas Student Teaching (COST), a group of state and private universities committed to quality overseas student teaching experiences. Under the agency of this organization, Eastern offers qualified students an opportunity to do their student teaching abroad. Placements for overseas student teaching are made in selected schools in Australia, Ecuador, England, Germany, Ireland, Netherlands, New Zealand, Malaysia,

Scotland and Wales. Interested individuals should contact the COST Coordinator, Department of Secondary Education and Foundations, 2147 Buzzard Hall, for further information.

Application for Teaching Licensure

Students should apply for their teaching license early in the term in which they will graduate or complete all requirements. Forms and instructions are available in the College of Education and Professional Studies. Applications will be distributed through student teaching coordinators during the student teaching semester. Students should see the earlier section for information about the Illinois Certification Tests.

Application for Graduation

Students should apply for graduation a minimum of one semester prior to student teaching. Please contact your College Graduation Officer for more information.

School Practicum in Communication Disorders and Sciences (Communication Disorders and Sciences 5590)

School Practicum in Communication Disorders and Sciences is completed as part of the graduate curriculum. Prerequisites include completion of a bachelor's degree, completion of 12 semester hours of graduate course work in Communication Disorders and Sciences, and completion of three semester hours of Communication Disorders and Sciences 5470, "Advanced Practicum" with a grade of B or better. Students must register for 12 semester hours; however, only three semester hours may be counted toward the graduate degree. Students should consult the Graduate Catalog for information on admission to the graduate program and graduate program alternatives.

ACADEMIC PROGRAMS

EARLY CHILDHOOD EDUCATION (B.S. in Education)

Major

Early Childhood Certificate (birth-grade 3)

General Education Course Work

The following constitutes the list of requirements (including the all-university general education course work) in the Elementary curriculum for each option. The student and advisor must cooperate in planning the sequence.

All students (includes native, dual majors, transfer students from community colleges or senior institutions, internal transfers, post-baccalaureate, Board of Trustees - Elementary Education) must complete all criteria for University Approval to take Teacher Education courses.

Transfer students will have their completed course work evaluated by the Dean of the College of Education and Professional Studies or designated representative.

The following satisfies both University and Illinois state general education requirements:

Humanities and Fine Arts

English course from Humanities component 3 sem. hrs.
Art course from Fine Arts component¹ 3 sem. hrs.
Course from Fine Arts or Humanities component 3 sem. hrs.

Language

English 1001G, 1002G 6 sem. hrs.
Speech Communication 1310G 3 sem. hrs.

Mathematics

Mathematics 1420, 2420G 6 sem. hrs.

Scientific Awareness

Biological Sciences 1001G² 3 sem. hrs.

Chemistry 1040G or Physics 1052G and 1053G

or Physics 3050G 3-4 sem. hrs.

Science electives, 0-1 sem. hr. from

General Education 5-6 sem. hrs.

Social and Behavioral Sciences

Political Science 1153G or History 3600G 3 sem. hrs.

Select from Anthropology 2200G, Economics 2800G,

2801G, or 2802G, Geography 1100G or 1200G,

History 3700G, Political Science 2253G, Psychology

1879G, Sociology 2750G or 2710G 6 sem. hrs.

Senior Seminar³ 3 sem. hrs.

Additional general education requirements

Art or Music elective¹ 3 sem. hrs.

History 2010 or 2020 3 sem. hrs.

Foreign Languages 0-6 sem. hrs.

Non-Western or Third World Culture course

(if not covered by above course work) 3 sem. hrs.

Humanities electives (depending on the amount

of foreign language taken above) 0-3 sem. hrs.

Health and Physical Development (Health Studies

2000 or Physical Education 2850) 3 sem. hrs.

Academic Concentration (must include nine

sem. hrs. upper division credits) 18 sem. hrs.

Professional Course Work

Art 2440 or Music 3420⁴ 2 sem. hrs.

Educational Foundations 2555, 4450 6 sem. hrs.

Elementary Education 2321, 3250, 3281,

4000⁵, 4770, 4775, 4776, 4880 23 sem. hrs.

Family and Consumer Sciences 3853, 4854 6 sem. hrs.

Physical Education 3600	2 sem. hrs.
Special Education 3000 or 3500	3 sem. hrs.
Student Teaching 4000	1 sem. hr.
Student Teaching 4001 ⁵	16 sem. hrs.

¹Either Art or Music must be a course from General Education.

²Students who choose Biological Sciences for their academic concentration should take BIO 1100 in place of BIO 1001G and substitute a different general education course from Biological Sciences.

³Senior Seminar must be taken outside of major.

⁴Either MUS 1421 or MUS 2555G are prerequisites to MUS 3420.

⁵ELE 4000 must be taken twice.

⁶Student Teaching 4001. Eight (8) weeks at preschool and eight (8) weeks in primary grades.

ELEMENTARY EDUCATION (B.S. in Education)

Major

Two distinct options are offered through the Elementary Education Curriculum: General and Middle School. Both lead to a Standard Elementary (kindergarten through grade nine) Certificate. In the General option, however, emphasis is on kindergarten through grade six, while in the Middle School option the emphasis is on grades five through eight and includes a subject matter endorsement for teaching in grades 6-9.

The following constitutes the list of requirements (including the all-university general education course work) in the Elementary curriculum for each option. The student and advisor must cooperate in planning the sequence.

Transfer students will have their completed course work evaluated by the Dean of the College of Education and Professional Studies or designated representative.

Elementary Education: General Option; Standard Elementary Certificate (K-9)

General Education Course Work

The following satisfies both University and Illinois state general education requirements:

Humanities and Fine Arts

English course from Humanities component	3 sem. hrs.
Art course from Fine Arts component ¹	3 sem. hrs.
Course from Fine Arts or Humanities component	3 sem. hrs.

Language

English 1001G, 1002G	6 sem. hrs.
Speech Communication 1310G	3 sem. hrs.

Mathematics

Mathematics 1420, 2420G	6 sem. hrs.
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Scientific Awareness

Biological Sciences 1001G ²	3 sem. hrs.
Chemistry 1040G or Physics 1052G and 1053G or Physics 3050G	3-4 sem. hrs.
Science electives, 0-1 sem. hr. from General Education	5-6 sem. hrs.

Social and Behavioral Sciences

Political Science 1153G or History 3600G	3 sem. hrs.
Select from Anthropology 2200G, Economics 2800G, 2801G, or 2802G, Geography 1100G or 1200G, History 3700G, Political Science 2253G, Psychology 1879G, Sociology 2750G or 2710G	6 sem. hrs.
Senior Seminar ³	3 sem. hrs.

Additional general education requirements

Art or Music elective ¹	3 sem. hrs.
History 2010 or 2020	3 sem. hrs.
Foreign Languages	0-6 sem. hrs.
Non-Western or Third World Culture course (if not covered by above course work)	3 sem. hrs.
Humanities electives (depending on the amount	

of foreign language taken above).....	0-3 sem. hrs.
Health and Physical Development (Health Studies 2000 or Physical Education 2850)	3 sem. hrs.
Academic Concentration (must include nine sem. hrs. upper division credits)	18 sem. hrs.

Professional Course Work

Art 2440 or Music 3420 ⁴	2 sem. hrs.
Educational Foundations 2555, 4450	6 sem. hrs.
Elementary Education 2000, 2022, 2320, 3000, 3280, 3290, 3340, 3350, 4000 ⁵ , 4880	26 sem. hrs.
Mathematics 3520	1 sem. hr.
Physical Education 3600	2 sem. hrs.
Special Education 3000 or 3500	3 sem. hrs.
Student Teaching 4000	1 sem. hr.
Student Teaching 4001	14 sem. hrs.

¹Either Art or Music must be a course from General Education.

²Students who choose Biological Sciences for their academic concentration should take BIO 1100 in place of BIO 1001G and substitute a different general education course from Biological Sciences.

³Senior Seminar must be taken outside of major.

⁴Either MUS 1421 or MUS 2555G are prerequisites to MUS 3420.

⁵ELE 4000 must be taken twice.

Concentrations for Early Childhood Education Major and Elementary Education General Option

The concentration is a continuation of the General Education requirements established by the Illinois State Teacher Certification Board; its purpose is to provide depth in a specific discipline. Elementary Education majors pursuing the General Option must select a concentration from the list below.

Each concentration requires 18 semester hours, nine of which must be at the upper division level. Courses used to satisfy other General Education requirements can not be applied toward the concentration, with the possible exception of the Third World or Non-Western culture course which may be included in the concentration if appropriate.

Anthropology

Anthropology 2200G and 15 semester hours of Anthropology electives, nine of which must be at the upper division level.

Art

Eighteen semester hours in Art, nine of which must be at the upper division level. A list of suggested courses is available in the Department of Elementary Education.

Biological Science

Courses may be selected from Biological Sciences, including courses from the various concentrations: Botanical Sciences, Ecology and Systematics, and Cell and Functional Biology. Students are required to take BIO 1100 and 15 semester hours of Biological Sciences electives, nine of which must be upper-division credits. Further, both Botanical Sciences and Ecology and Systematics must be represented.

Economics

Economics 2801G, 2802G, and 12 semester hours of Economics electives, nine of which must be at the upper division level.

English

Must include English 2901 or an advanced composition or writing course above the freshman level, one course in American literature, and sufficient electives to reach 18 semester hours. Nine hours of upper division credit must be included in the concentration.

Foreign Language

Eighteen semester hours selected from a single foreign language, nine of which must be at the upper division level.

Geography

Eighteen semester hours in Geography, nine of which must be at the upper division level.

History

Eighteen semester hours in History, nine of which must be at the upper division level. Must include both U.S. and non-U.S. History.

Mathematics

Eighteen semester hours in Mathematics, other than methods courses, nine of which must be at the upper division level. Consult the Department of Early Childhood, Elementary and Middle Level Education for a list of courses leading to an endorsement to teach departmentalized mathematics in grades 6-8.

Music

Eighteen semester hours of Music, nine of which must be at the upper division level.

Political Science

Eighteen semester hours in Political Science, nine of which must be at the upper division level.

Physical Science

A total program must include both Chemistry and Physics. Concentration must also include Earth Science/Geology. Nine semester hours must be at the upper division level. Suggested Concentration: 3-4 semester hours in Chemistry, with lab, if not included in the General Education course work; 3-4 semester hours in Physics, with lab, if not included in the General Education course work; 3-4 semester hours from Earth Science/Geology. Electives to equal 18 semester hours. Nine semester hours of upper division course work must be included.

Psychology

Psychology 1879G plus 15 semester hours of Psychology electives, nine of which must be at the upper division level.

Sociology

Sociology 2710G and 15 semester hours of Sociology electives, nine of which must be at the upper division level.

Theatre Arts

Eighteen semester hours in Theatre Arts, nine of which must be at the upper division level.

Elementary Education: Middle School Option; Standard Elementary Certificate (K-9) with Subject Area Endorsement

General Education Course Work

The following satisfies both University and Illinois state general education requirements:

Humanities and Fine Arts

English course from Humanities component..... 3 sem. hrs.
Art course from Fine Arts component¹..... 3 sem. hrs.
Course from Fine Arts or Humanities component..... 3 sem. hrs.

Language

English 1001G, 1002G 6 sem. hrs.
Speech Communication 1310G 3 sem. hrs.

Mathematics

Mathematics 1420, 2420G..... 6 sem. hrs.

Scientific Awareness

Biological Sciences 1001G²..... 3 sem. hrs.
Chemistry 1040G or Physics 1052G and 1053G
or Physics 3050G 3-4 sem. hrs.
Science electives, 0-1 sem. hr. from
General Education 5-6 sem. hrs.

Social and Behavioral Sciences

Political Science 1153G or History 3600G 3 sem. hrs.
Select from Anthropology 2200G, Economics 2800G,
2801G, 2802G, Geography 1100G or 1200G, History
3700G, Political Science 2253C, Psychology 1879C,
Sociology 2750G or 2710G..... 6 sem. hrs.

Senior Seminar³

..... 3 sem. hrs.

Additional general education requirements

Art or Music elective¹ 3 sem. hrs.
History 2010 or 2020 3 sem. hrs.
Foreign Languages..... 0-6 sem. hrs.
Non-Western or Third World Culture course
(if not covered by above course work) 3 sem. hrs.
Humanities electives (depending on the amount
of foreign language taken above)..... 0-3 sem. hrs.
Health and Physical Development (Health Studies
2000 or Physical Education 2850) 3 sem. hrs.
Academic Concentration (must include nine
sem. hrs. upper division credits) 18 sem. hrs.

Professional Course Work

Art 2440 or Music 3420⁴ 2 sem. hrs.
Educational Foundations 2555, 4450 6 sem. hrs.
Elementary Education 2000, 2022, 2320, 3280, 4000⁵ 12 sem. hrs.
One from Elementary Education: 3290,
3340, 3350, or Mathematics 3620 2-3 sem. hrs.
Middle Level Education 3110, 3150, 4280, 4760 12 sem. hrs.
Mathematics 3520⁶ 1 sem. hr.
Physical Education 3600 2 sem. hrs.
Special Education 3000 or 3500 3 sem. hrs.
Student Teaching 4000 1 sem. hr.
Student Teaching 4001⁷ 14 sem. hrs.

¹Either Art or Music must be a course from General Education

²Students who choose Biological Sciences for their academic concentration should take BIO 1100 in place of BIO 1001G and substitute a different general education course from Biological Sciences.

³Senior Seminar must be taken outside of major.

⁴Either MUS 1421 or MUS 2555G are prerequisites to MUS 3420.

⁵ELE 4000 must be taken twice.

⁶Students selecting Mathematics Subject Area are exempt from MAT 3520.

⁷Students will student teach in Grades 4-6 or in a multi-disciplinary middle-level school assignment through Grade 8.

Subject Areas for the Middle School Option

The concentration is a continuation of the General Education requirements established by the Illinois State Teacher Certification Board; its purpose is to provide depth in a specific discipline. Students pursuing the Middle School Option should select one of the areas below.

Each concentration requires 18 semester hours, nine of which must be at the upper division level. Courses used to satisfy other General Education requirements cannot be applied toward the concentration.

Students wishing to receive an endorsement in any area, in order to be able to teach in a departmentalized Junior High or Middle School (grades 6-9), must check with their advisors for specific requirements.

Biological Science

Courses may be selected from Biological Sciences, including courses from the various concentrations: Botanical Sciences, Ecology and Systematics, and Cell and Functional Biology. Students are required to take BIO 1100 and 15 semester hours of Biological Sciences electives, nine of which must be upper-division credits. Further, both Botanical Sciences and Ecology and Systematics must be represented.

English

English 2901, 4903, an advanced composition or writing course above the freshman level, one course in American literature, and sufficient electives to total 18 semester hours. At least nine semester hours must be at the upper division level.

Mathematics

Eighteen semester hours which must include nine semester hours from three of the following areas: A) calculus; B) modern algebra or number theory; C) geometry; D) computer science; E) probability and statistics; or F) history of mathematics. The other nine semester hours may be mathematics electives other than methods courses. Note that nine semester hours in this area must be at the upper division level. (Consult the Department of Early Childhood, Elementary and Middle Level Education for a more specific list.)

History

Eighteen semester hours of history, nine of which must be at the upper division level. These 18 hours should include nine semester hours of U.S. history and nine semester hours of non-U.S. history. (It is recommended that students interested in teaching departmentalized social studies in grades 6-9 add electives in Political Science and Geography to provide a better background and to enhance their preparation for teaching.)

Physical Science

A total program must include both Chemistry and Physics. Concentration must also include Earth Science/Geology. Nine semester hours must be at the upper division level. Suggested Concentration: 3-4 semester hours in Chemistry, with lab, if not included in the General Education course work; 3-4 semester hours in Physics, with lab, if not included in the General Education course work; 3-4 semester hours from Earth Science/Geology. Electives to equal 18 semester hours. Nine semester hours of upper division course work must be included.

HEALTH STUDIES (B.S.)

Major in Health Studies Option in Community Health

Core: Health Studies 2000, 2250, 2270, 3196, 3199, 3700, 3750, 3765, 3770, 4250, 4275, Biological Sciences 2001G 39 sem. hrs.
 Select eight to nine hours from: Health Studies 2600, 2900, 3500, 3560, 3910, 4800, 4810, 4820, 4890, 4910 8-9 sem. hrs.
 Select three hours from Career and Technical Education 1420 or Business 2101 3 sem. hrs.
 One Physical Education Activity Course 1 sem. hr.
 Concentration I or II or III 18 sem. hrs.
 TOTAL 69-70 sem. hrs.

Concentration I: Community Health Promotion/Education

A minimum of 18 semester hours of course work including study in the areas of introductory psychology, mass communications, educational psychology, and school health.

Recommended Minors: Adult Education, Creative Writing, Family and Consumer Sciences, Journalism, Public Relations, Psychology, Speech Communication, Professional Writing

Concentration II: Community Health Counseling

A minimum of 18 semester hours of course work including study in the areas of group dynamics, behavior management, human nutrition and food study, and techniques of counseling and guidance.

Recommended Minors: Psychology, Family and Consumer Sciences (family services)

Concentration III: Community Health Administration

A minimum of 18 semester hours of course work including study in the areas of public administration, American national government, state and local government, and economics.

Recommended Minors: Political Science, Economics

(Major GPA based on health studies courses taken at EIU.)

Option in Health Studies with Teacher Certification* 6-12 Standard High School Certificate

General Education Course Work

The following satisfies both University and Illinois state general education requirements.

Humanities and Fine Arts

English course from Humanities component 3 sem. hrs.
 Course from Fine Arts component 3 sem. hrs.
 Course from Fine Arts or Humanities component 3 sem. hrs.

Language

English 1001G, 1002G 6 sem. hrs.
 Speech Communication 1310G 3 sem. hrs.

Mathematics

Select from General Education 3 sem. hrs.
Scientific Awareness
 Biological Sciences 2001G 3 sem. hrs.
 Physical Science from General Education 3-4 sem. hrs.
 Science electives, 0-1 sem. hr. from
 General Education 2-3 sem. hrs.
Social and Behavioral Sciences
 Political Science 1153G or History 3600G 3 sem. hrs.
 Select from Anthropology 2200G, Economics 2800G, 2801G, or 2802G, Geography 1100G or 1200G, Political Science 2253G, Psychology 1879G,
 Sociology 2750G or SOC 2710G 6 sem. hrs.
 Senior Seminar¹ 3 sem. hrs.
Additional general education requirements
 History 2010 or 2020 3 sem. hrs.
 Foreign Languages 0-6 sem. hrs.
 Non-Western or Third World Culture course (if not Covered by above course work) 3 sem. hrs.
 Humanities elective (depending on the amount of foreign language taken above) 0-3 sem. hrs.
 Health and Physical Development (Health Studies 2000) . 3 sem. hrs.

Health Studies Course Work

Health Studies 2000, 2250, 2270, 3199, 3200, 3400, 3500, 3750, 3765, 4275, 4800 36 sem. hrs.
 Middle Level Education 3110, 4280, 4760 9 sem. hrs.
 Biological Sciences 2001G 3 sem. hrs.
 Six semester hours chosen from at least two of the following areas: 6 sem. hrs.

Environmental Health: Biological Sciences 3002G

Disease Prevention and Control: Health Studies 2900

Nutrition/Dietary Patterns: Family and Consumer Sciences 2100

Safety and Injury Control: Health Studies 1120, 2320, or 3120; 3300, 3340, 3350

Mental/Emotional Health: Family and Consumer Sciences 4820, Psychology 3780

Personal Health Practices: Health Studies 2600, 4741, Physical Education 2850

Consumer Health: Health Studies 3560, 3910, 4890, 4910

TOTAL 54 sem. hrs.

(Major GPA based on health studies courses taken at EIU.)

*For the education course work required for this option, see "Teacher Certification Programs."

¹Must be taken outside major.

Minor in Community Health

Health Studies 2000, 2250, 2270, 3700, 3750 13 sem. hrs.
 Eight sem. hrs. from: Health Studies 1120, 2320, 2600, 2900, 3120, 3196, 3199, 3200, 3300, 3350, 3500, 3765, 4741, 4800, 4250, 4810, 4820, 4890 8 sem. hrs.
 TOTAL 21 sem. hrs.

Minor in Health Studies for Teacher Certification

Health Studies 2000, 2270, 3200, 3400, 3500, 4800 18 sem. hrs.
 Six semester hours taken from two or more of the following areas 6 sem. hrs.

Environmental Health: Biological Sciences 3002G

Disease Prevention and Control: Health Studies 2900

Nutrition and Dietary Patterns: Family and Consumer Sciences 2100

Safety and Injury Control: Health Studies 1120, 2320 or 3120; 3300, 3340, 3350

Mental/Emotional Health: Psychology 3780, Family and Consumer Sciences 4820

Personal Health Practices: Health Studies 2600, 3750, Physical Education 2850

Consumer Health: Health Studies 3560, 3910, 4890, 4910

TOTAL 24 sem. hrs.

Minor in Safety and Driver Education for Teacher Certification

Health Studies 3300, 3310, 3320, 3330, 3340, 4900.....	16 sem. hrs.
Choose from the following: Health Studies 2270, 3120, 3200, 3350, 4720; Physical Education 3130; Political Science 2603, 3643	5 sem. hrs.
TOTAL	21 sem. hrs.

MIDDLE LEVEL EDUCATION (B.S. in Education)

Major

Although this curriculum leads to a Standard High School Certificate enabling the graduate to teach in grades 6-12, the emphasis of the program is to provide special preparation for those interested in teaching in the departmentalized Junior High or Middle School (grades 5-8). The student must choose a 32-hour field of specialization and a 24-hour field of specialization as outlined below.

General Education Course Work

The following satisfies both University and Illinois state general education requirements:

Humanities and Fine Arts

English course from Humanities component.....	3 sem. hrs.
Art course from Fine Arts component.....	3 sem. hrs.
Course from Fine Arts or Humanities component.....	3 sem. hrs.

Language

English 1001G, 1002G	6 sem. hrs.
Speech Communication 1310G	3 sem. hrs.

Mathematics

Select from General Education	3 sem. hrs.
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Scientific Awareness

Select from General Education. Must include both biological and physical science and must include one lab course	9 sem. hrs.
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Social and Behavioral Sciences

Political Science 1153G or History 3600G	3 sem. hrs.
Select from Anthropology 2200G, Economics 2800G, 2801G, or 2802G, Geography 1100G or 1200G, History 3700G, Political Science 2253G, Psychology 1879G, Sociology 2750G or 2710G.....	6 sem. hrs.
Senior Seminar ¹	3 sem. hrs.

Additional general education requirements

History 2010 or 2020	3 sem. hrs.
Foreign Languages.....	0-6 sem. hrs.
Non-Western or Third World Culture course (if not covered by above course work).....	3 sem. hrs.
Humanities electives (depending on the amount of foreign language taken above).....	0-3 sem. hrs.
Health and Physical Development (HST 2000 or PED 2850).....	3 sem. hrs.
Teaching Field I.....	32 sem. hrs.
Teaching Field II.....	24 sem. hrs.

Professional Course Work

Educational Foundations 2555, 4450.....	6 sem. hrs.
Elementary Education 2022, 2320	5 sem. hrs.
Middle Level Education 2000, 3110, 3150, 4000 ² , 4280, 4760.....	16 sem. hrs.
Special Education 3000 or 3500	3 sem. hrs.
Student Teaching 4000.....	1 sem. hr.
Student Teaching 4001.....	14 sem. hrs.
Electives needed to total 120 semester hours.	

¹Must be taken outside major.

²MLE 4000 must be taken twice.

Teaching Fields

ART

Field II:

Art 1000; 1110 or 2310G; 2050 or 3080; 2250 or 2700 or 3340G; 2410; 2440; 2330G; 3410; art electives. Total, 24 sem. hrs.

BIOLOGICAL SCIENCES

Field I:

Biological Sciences 1100; 1200G; 1300G; 2322; 3002G; 3200; 3400; 3520; 3610 or 3612; and 3800. Electives in the following Biological Sciences concentrations: Botanical Sciences, Ecology and Systematics or Cell and Functional Biology. Field I must include a minimum of eight semester hours in Botanical and eight semester hours in Ecology and Systematics. Total, 32 sem. hrs.

Field II:

Biological Sciences 1100, 1200G, 1300G and 3200. Electives in the following Biological Sciences concentrations: Botanical Sciences, Ecology and Systematics, or Cell and Functional Biology. Field II must include a minimum of eight semester hours in Botanical and eight semester hours in Ecology and Systematics. Total, 24 sem. hrs.

ENGLISH

Field I:

English 2705, 2901, 3001, 3401, 3402, 4903; one of (3701, 3702, 3703); two of (3802, 3806, 3807, 3808); English electives. Total, 32 sem. hrs.

Field II:

English 2705, 2901, 3001, 4903; one of (3701, 3702, 3703); one of (3802, 3807, 3808); English electives. Total, 24 sem. hrs.

FOREIGN LANGUAGES

Fields are available in French, German, Latin, and Spanish. A student with high school foreign language should consult Section XI, under Foreign Languages, to determine upper course placement when continuing a language studied in high school. For a student initiating a given language at the college level, the following courses must be included in the fields.

Field II:

1101, 1102, 2201G, 2202G, 3400, electives in that language. Total, 24 sem. hrs.

FAMILY AND CONSUMER SCIENCES

Field II:

Family and Consumer Sciences 1120, 1800, 2100, 2234, 2270, 2800, 2850, 3300; Career and Technical Education 3400. Total, 24 sem. hrs.

INDUSTRIAL TECHNOLOGY EDUCATION

Field II:

Industrial Technology 1363, 1413, 2064, 2324, Career and Technical Education 3400; electives in industrial technology. Total, 24 sem. hrs.

MATHEMATICS

Field I:

Mathematics 1440G, 2442, 2550, 2800, 3271, 3400, 3620, 4900; Mathematics 2170 or 2310; plus sufficient electives to reach a minimum of 32 sem. hrs. This program assumes competency in Algebra and Trigonometry.

Field II:

Mathematics 1440G, 2442, 2550, 2800, 3271, 3400, 3620; Mathematics 2170 or 2310; (Minimum of 26 sem. hrs.). This program assumes competency in Algebra and Trigonometry.

PHYSICAL EDUCATION

Field II:

Physical Education 2850, 2440, 3400, 4320, 4340, 4470; two semester hours from Physical Education 2101, 2102, 2103, 2104, 2105; two semester hours from Physical Education 2360, 2380, 2390; two semester hours from Physical Education 2220, 2230. Students selecting this field must include Biological Sciences 2001G as part of their science requirements. Total, 25 sem. hrs.

PHYSICAL SCIENCE

Field II:

Chemistry 1310G, 1315G; either (Chemistry 1410, 1415) or (Chemistry 1510, 1515); either Physics (1151G/1152G, 1161/1162) or (1351G/1352G, 1361/1362); electives from chemistry, geology, earth science, or physics. (Field II must include a minimum of 10 sem. hrs. in chemistry and 10 sem. hrs. in physics.) Total, 24 sem. hrs.

SOCIAL STUDIES

Field I:

History 2010, 2020, and three sem. hrs. U.S. History electives, 2300, 2400, three sem. hrs. in non-U.S. history; nine sem. hrs. in Political Science or nine sem. hrs. in Geography; three sem. hrs. in Anthropology or Sociology, or Economics; Social Science 3400; electives in social studies. Some of the above courses may need to be completed at the upper division level to acquire sufficient upper division hours for graduation. Total, 32 sem. hrs.

Field II:

History 2010, 2020, and two sem. hrs. U.S. History electives, 2300, 2400, two sem. hrs. in non-U.S. history; eight sem. hrs. in Political Science or eight sem. hrs. in Geography. Some of the above courses may need to be completed at the upper division level to acquire sufficient upper division hours for graduation. Total, 24 sem. hrs.

SPEECH COMMUNICATION

Field II:

Speech Communication 1310G, 2300, 2320; Theatre Arts 1133; one of the following: Speech Communication 2520, 2001, 3520, 3540; one of the following: Speech Communication 3200, 3230; one of the following: Theatre Arts 2257, 3431, 3445; electives from speech communication, communication disorders and sciences, theatre and/or journalism. Total, 24 sem. hrs.

*Students should be aware that eight semester hours are required to teach these subjects in Illinois high schools.

PHYSICAL EDUCATION (B.S.)

Major

Criteria for admission to the Physical Education Non-teaching Major:
1. Completion of BIO 2001G (or equivalent) with a grade of C or better;
2. Completion of PED 1500 and PED 2440 (or equivalent) with a grade of C or better.

General Education Requirements Plus:

Physical Education 1500, 2440, 2850, 3900, 4320, 4340, 4761, 4275 (six or nine hrs.), Aquatics..... 28-31 sem. hrs.
Biological Sciences 2001G 3 sem. hrs.
Concentration I or II..... 39-40 sem. hrs.
TOTAL 70-74 sem. hrs.

Concentration I: Exercise Science

Physical Education 1310, 1600, 1692, 2104, one additional technique/theory course (excluding PED 2144 and 2145), 3800, 4440, 4450, 4900 (3 times with 3 different topics), FCS 2100, FCS 3151, FCS 4755, HST 3120

One from HST 2900, HST 4890

Two from CTE 1420, BUS 2101, BUS 3010, BUS 3470

Concentration II: Sport Management

Physical Education 3 hours from 1000 level, two technique/theory courses (excluding PED 2144 and 2145), 4760, 4762, 5 hours Coaching courses
Business Administration Minor (21hours)
A grade or C of better is required in all Physical Education courses counting towards the major.

Option in Physical Education

with Teacher Certification**

K-12 Standard Special Certificate

General Education Course Work

The following satisfies both University and Illinois state general education requirements.

Humanities and Fine Arts

English course from Humanities component..... 3 sem. hrs.
Course from Fine Arts component..... 3 sem. hrs.
Course from Fine Arts or Humanities component..... 3 sem. hrs.

Language

English 1001G, 1002G 6 sem. hrs.
Speech Communication 1310G 3 sem. hrs.

Mathematics

Select from General Education 3 sem. hrs.

Scientific Awareness

Biological Sciences 2001G 3 sem. hrs.
Physical Science from General Education 3-4 sem. hrs.
Science electives, 0-1 sem. hrs.
from General Education..... 2-3 sem. hrs.

Social and Behavioral Sciences

Political Science 1153G or History 3600G 3 sem. hrs.
Select from Anthropology 2200G, Economics 2800G, 2801G, or 2802G, Geography 1100G or 1200G, Political Science 2253G, Psychology 1879G, Sociology 2750G or 2710G..... 6 sem. hrs.

Senior Seminar¹

..... 3 sem. hrs.

Additional general education requirements

History 2010 or 2020 3 sem. hrs.
Foreign Languages..... 0-6 sem. hrs.
Non-Western or Third World Culture course (if not covered by above course work) 3 sem. hrs.
Humanities electives (depending on the amount of foreign language taken above)..... 0-3 sem. hrs.
Health and Physical Development (HST 2000 or PED 2850)..... 3 sem. hrs.

Physical Education Course Work

Physical Education 1500, 2000, 2440, 2450, 3400, 3600, 3610, 3620, 3630, 4320, 4340, 4470 33 sem. hrs.

Electives from 2000-level technique

courses from the following:
Physical Education 2101, 2102, 2103, 2104, 2105 4 sem. hrs.
Physical Education 2106, 2360, 2380, 2390 4 sem. hrs.
Physical Education 2220, 2230..... 2 sem. hrs.

Electives from the following:

Physical Education 1000- and 2000-level courses (include one aquatics course or proficiency) 2 sem. hrs.
Physical Education 3000- or 4000-level courses (coaching) 6 sem. hrs.
TOTAL..... 51 sem. hrs.

**For the education course work required for this option, see "Teacher Certification Programs."
(Major GPA based on physical education courses [PED 2850 excluded] taken at EIU.)

¹Must be taken outside major.

Option in Physical Education with Teacher Certification** 6-12 Standard High School Certificate

General Education Course Work

The following satisfies both University and Illinois state general education requirements.

Humanities and Fine Arts

English course from Humanities component.....	3 sem. hrs.
Course from Fine Arts component.....	3 sem. hrs.
Course from Fine Arts or Humanities component.....	3 sem. hrs.

Language

English 1001G, 1002G.....	6 sem. hrs.
Speech Communication 1310G.....	3 sem. hrs.

Mathematics

Select from General Education.....	3 sem. hrs.
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Scientific Awareness

Biological Sciences 2001G.....	3 sem. hrs.
Physical Science from General Education.....	3-4 sem. hrs.
Science electives, 0-1 sem. hrs. from General Education.....	2-3 sem. hrs.

Social and Behavioral Sciences

Political Science 1153G or History 3600G.....	3 sem. hrs.
Select from Anthropology 2200G, Economics 2800G, 2801G, or 2802G, Geography 1100G or 1200G, Political Science 2253G, Psychology 1879G, Sociology 2750G or 2710G.....	6 sem. hrs.

Senior Seminar¹

.....	3 sem. hrs.
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Additional general education requirements

History 2010 or 2020.....	3 sem. hrs.
Foreign Languages.....	0-6 sem. hrs.
Non-Western or Third World Culture course (if not covered by above course work).....	3 sem. hrs.
Humanities electives (depending on the amount of foreign language taken above).....	0-3 sem. hrs.
Health and Physical Development (HST 2000 or PED 2850).....	3 sem. hrs.

Physical Education Course Work

Physical Education 1500, 2000, 2440, 2450, 3400, 3600, 4320, 4340, 4470.....	24 sem. hrs.
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Electives from the following

Physical Education technique courses.....	10 sem. hrs.
Two from: 2101, 2102, 2103, 2104, 2105	
Two from: 2106, 2360, 2380, 2390	
One from: 2220, 2230	

Electives from Physical Education courses

1000- and 2000-level courses (include one aquatics course or proficiency).....	4 sem. hrs.
3000- and 4000-level courses.....	6 sem. hrs.

TOTAL.....	44 sem. hrs.
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** For the education course work required for this option, see "Teacher Certification Programs."

¹Must be taken outside major.

Option in Physical Education with Athletic Training and Teacher Certification** 6-12 Standard High School Certificate

The program provides students interested in the prevention, care, and evaluation of athletic injuries the necessary course work and clinical experience to qualify to sit for the examination leading to certification by the National Athletic Trainers Association Board of Certification.

Guidelines restrict the number of students who may participate in the Athletic Training program. This number is in direct proportion to the number of "certified" clinical supervisors employed by EIU. Due to this imposed limitation, students are advised that their acceptance into this program is not an assumed right. **All students must meet specific program selection criteria.**

Health Studies 2000, 2320 or 3120.....	5-7 sem. hrs.
Family and Consumer Sciences 2100.....	3 sem. hrs.

Biological Sciences 1001G.....	3 sem. hrs.
Physical Education service courses (include an aquatics course or proficiency), one individual or dual sport, one team sport, and two or three elective courses.....	5-6 sem. hrs.
Physical Education 1130, 1500, 2000, 2105, 2130 (taken four times), 2131, 2132, 2220, 2230, 2440, 2450, 3131, 3132, 3400, 3600, 4275 (3 sem. hrs.), 4320, 4340, 4470, 4741 (3 sem. hrs.).....	51 sem. hrs.
Psychology 1879G or 2000; elective in psychology.....	5-6 sem. hrs.
Biological Sciences 2001G, 2200.....	7 sem. hrs.
TOTAL.....	79 - 83 sem. hrs.

(Major GPA based on physical education, health studies, biological sciences, and psychology courses in the option taken at EIU.)

**For the education course work required for this option, see "Teacher Certification Programs."

Option in Physical Education with Athletic Training

The program provides students interested in the prevention, care, and evaluation of athletic injuries the necessary course work and clinical experience to qualify to sit for the examination leading to certification by the National Athletic Trainers Association Board of Certification.

Guidelines restrict the number of students who may participate in the Athletic Training program. This number is in direct proportion to the number of "certified" clinical supervisors employed by EIU. Due to this imposed limitation, students are advised that their acceptance into this program is not an assumed right. **All students must meet specific program selection criteria.**

General Education Requirements must include:

Scientific Awareness

Biological Sciences 1001G, 2001G.....	6 sem. hrs.
Health Studies 2000, 3120.....	7 sem. hrs.
Family and Consumer Sciences 2100.....	3 sem. hrs.
Physical Education Service Courses (include one aquatics course or proficiency).....	6 sem. hrs.
Physical Education 1130, 1500, 2130 (take four semesters), 2131, 2132, 2440, 3131, 3132, 3900, 4275 (3 hrs.), 4340, 4440, 4450, 4741 (3 hrs.).....	38 sem. hrs.

*Two 2000-level technique courses (one team sport and one individual/dual sport).....

4 sem. hrs.
**Electives in courses from Physical Education or the following Health Studies courses:
2270, 3700, 3765.....

9 sem. hrs.	
Psychology 1879G and three sem. hrs. of Psychology electives.....	6 sem. hrs.
Biological Sciences 2200.....	4 sem. hrs.
TOTAL.....	83 sem. hrs.

*Duplication of one-hr. activity and two-hr. technique/theory activities not allowed.

**One-hr. activity classes may not be counted. Electives chosen with approval of advisor based on career goal consideration.

(Major GPA based on physical education, health studies, biological sciences, and psychology courses in this option taken at EIU.)

Minor in Physical Education Teacher Certification

Teaching Option:

Physical Education 2440, 2450, 3400, 4320, 4340, 4470.....	19 sem. hrs.
One of the following: Physical Education 2106, 2360, 2380, 2390.....	2 sem. hrs.
One of the following: Physical Education 2101, 2102, 2103, 2104, 2105.....	2 sem. hrs.
One of the following: Physical Education 1920, 1930, 1940, 2220, 2230.....	1-2 sem. hrs.
One of the following: Physical Education 1600 or 1692 (omit if you have had 2850).....	0-1 sem. hrs.
Biological Sciences 2001G (may be taken in General	

Education).....	3 sem. hrs.
TOTAL	27-29 sem. hrs.

Minor in Physical Education

Coaching Option:

(Note: The following courses do not satisfy requirements for state certification for a teaching field.)

Electives from Physical Education 2101, 2102, 2103, 2104, 2105, 2390, 2360, 2380	4 sem. hrs.
Physical Education 2440, 3130, 3700, 4320, 4340	15 sem. hrs.
Physical Education 3000-level teaching/ coaching courses	6 sem. hrs.
TOTAL	25 sem. hrs.

RECREATION ADMINISTRATION (B.S.)

The Department of Recreation Administration' programs are accredited by the National Recreation and Park Association.

Major

Recreation Administration 1320, 1780, 2250, 2290, 3550 or 3551, 3600, 3910, 4274, 4275* (6 sem. hrs.), 4740, 4830, 4850	35 sem. hrs.
Electives from: Recreation Administration 2500, 3300, 3310, 3510, 3515, 3560, 3860, 3900, 3960, 4741, 4790, 4950	17 sem. hrs.
Physical Education activity courses	2 sem. hrs.
Electives from economics, management, accounting and marketing approved by advisor and department chair	6 sem. hrs.
Psychology course as approved by advisor and department chair	3 sem. hrs.
TOTAL	63 sem. hrs.

(Major GPA based on all recreation courses taken at EIU.)

Option in Therapeutic Recreation

General Education Requirements must include:

Biological Sciences 1001G, 2001G	6 sem. hrs.
Recreation Administration 1320, 1780, 2250, 2290, 3550 or 3551, 3600, 3910, 4274, 4275* (6 sem. hrs.), 4740, 4830, 4850	35 sem. hrs.
Recreation Administration 3250, 3360, 4355	9 sem. hrs.
Electives from Recreation Administration 2500, 3300, 3310, 3510, 3515, 3560, 3860, 3900, 3960, 4741, 4790, 4950	4 sem. hrs.
Physical Education activity courses	2 sem. hrs.
Electives from economics, management, accounting and marketing approved by advisor and department chair	6 sem. hrs.
Biological Sciences 2200	4 sem. hrs.
Psychology 1879G	3 sem. hrs.
Psychology 3780	3 sem. hrs.
Family and Consumer Sciences 1800	3 sem. hrs.
**Electives approved by advisor and department chair	6 sem. hrs.
TOTAL	81 sem. hrs.

*Internship (Recreation Administration 4275) must be served in a clinical, residential or community-based therapeutic program under the supervision of a Certified Therapeutic Recreation Specialist (CTRS) by the National Council for Therapeutic Recreation Certification.

**In order to seek certification by the National Council for Therapeutic Recreation Certification (NCTRC), the student must select courses from at least three of the following six areas: adaptive physical education, biological /physical sciences, human services, psychology, sociology, or special education.

(Major GPA based on all recreation courses taken at EIU.)

Honors Program for Recreation Administration Majors with a 3.50 Cumulative GPA

Admission to the Departmental Honors Program requires students to have at least a 3.50 GPA on a 4.0 point scale and permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the Recreation Administration Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Recreation Administration 4644 Honors Thesis	3 sem. hrs.
Recreation Administration 4666 Honors Seminar (two times)	6 sem. hrs.
Recreation Administration 4444 Honors Independent Study	1 sem. hr.
Recreation Administration 5420 Principles/Philosophy of Leisure	2 sem. hrs.
TOTAL	12 sem. hrs.

Minor in Recreation Administration

Recreation 1320, 2290, 3550 or 3551, 4830	11 sem. hrs.
Electives in recreation selected in consultation with a Recreation Administration advisor	10 sem. hrs.
TOTAL	21 sem. hrs.

SPECIAL EDUCATION (B.S. in Education)

Two options are available for the Special Education major:

Early Childhood Option

General Education Course Work

Sciences to include Biological and Physical Sciences ^{1*}	9 sem. hrs.
English 1001G*, 1002G*, 3001	9 sem. hrs.
Health	2 sem. hrs.
U.S. History	3 sem. hrs.
Humanities electives* **	9 sem. hrs.
Mathematics*	3 sem. hrs.
U.S. Constitution*	3 sem. hrs.
Senior Seminar ²	3 sem. hrs.
Social Science electives* **	6 sem. hrs.
Speech Communication 1310G*	3 sem. hrs.

Professional Course Work

Special Education 3000, 3200, 3201, 3220, 3225, 3600, 4600, 4720, 4800, 4820, 4900, 4901, 4920, 4925	45 sem. hrs.
Communication Disorders and Sciences 2200	3 sem. hrs.
Educational Foundations 2555, 4450	6 sem. hrs.
Elementary Education 2320	3 sem. hrs.
Student Teaching 4000	1 sem. hr.
Student Teaching 4001 ³	16 sem. hrs.

*Must be taken from the General Education.

**At least one three-semester-hour course must be taken in non-western or third world cultures, either in the Humanities or the Social Sciences. For graduation, one course from the cultural diversity list must also be taken. If chosen carefully, this course may satisfy both requirements.

¹Must include one laboratory course.

²Must be taken outside major.

³Minimum of eight (8) weeks in a preschool special education classroom and eight (8) weeks L.D., B.D., or E.M.H., K-12.

Standard Special Option

General Education Course Work

Sciences to include Biological and Physical Sciences ^{1*}	9 sem. hrs.
English 1001G*, 1002G*, 3001	9 sem. hrs.

Health.....	2 sem. hrs.
U.S. History	3 sem. hrs.
Humanities electives* **	9 sem. hrs.
Mathematics*	3 sem. hrs.
Mathematics 3320	2 sem. hrs.
U.S. Constitution*	3 sem. hrs.
Senior Seminar ²	3 sem. hrs.
Social Science electives* **	6 sem. hrs.
Speech Communication 1310G*	3 sem. hrs.

Professional Course Work

Special Education 3000, 3200, 3201, 3600, 3700, 4530, 4600, 4700, 4730, 4800, 4900, 4901.....	40 sem. hrs.
Communication Disorders and Sciences 2200.....	3 sem. hrs.
Educational Foundations 2555, 4450.....	6 sem. hrs.
Elementary Education 2320 or Educational Psychology 3325	3 sem. hrs.
Elementary Education 2000 or Secondary Education 3330	2-3 sem. hrs.
Student Teaching 4000.....	1 sem. hr.
Student Teaching 4001.....	16 sem. hrs.
Electives.....	1-2 sem. hrs.

*Must be taken from the General Education.

**At least one three-sem. hrs. course must be taken in non-western or third world cultures; may be in Humanities or Social Science. For graduation, one course from the cultural diversity list must also be taken. If chosen carefully, this course may satisfy both requirements.

¹Must include one laboratory course.

²Must be taken outside major.

Honors Program for Special Education Majors

Admission to the Special Education Honors Program is open to students who meet at least two of the following criteria:

- ACT composite score of 26 or higher or SAT (combined Math and Verb) of 1000 or higher;
- Upper 10 percent of high school graduating class;
- 3.50 GPA for at least 12 hours of course work undertaken at EIU (may be overall or special education);
- Permission of the director of the honors programs and the departmental honors coordinator.

Students in the Special Education Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

The following Special Education courses are required:

Special Education 4444 Honors Independent Study	(Arr.-Arr.-3)
Special Education 4644 Honors Thesis	(Arr.-Arr.-3)
Special Education 4666 Honors Seminar.....	(Arr.-Arr.-3)

A Special Education graduate course approved by the Department Honors Coordinator.

Twelve hours will be deleted from special education or communication disorders and sciences courses listed in the major by mutual consent of student, Departmental Honors Coordinator, Department Chair, and the Certifying Dean.

Thesis supervision will be undertaken by a faculty member selected by the department honors coordinator and department chair in consultation with the student.

Dual Certifications

Special Education and Elementary Education

Any student desiring to earn the Elementary (K-9 Illinois) certificate in addition to the Standard Special (K-12 Illinois) certificate may do so by supplementing the Standard Special option with the aid of an academic advisor in the Department of Special Education. Essentially the multiple certification may be accomplished as follows:

- Delete one to two sem. hrs. electives and Elementary Education 2000 or Secondary Education 3330.
- Include Mathematics 1420, 2420G, 3520 and add three sem. hrs. of Science.
- Successfully complete Elementary Education 3000, 3280, 3290, 3340, 3350, 4000, 4880, and Physical Education 3600.
- Successfully complete an 18-semester-hour concentration in a single academic discipline from the Social Sciences, Humanities, Math or Science. Nine (9) sem. hrs. of upper division work must be included.

Special Education and Secondary Education

Any student desiring to earn the High School (6-12 Illinois) certificate in addition to the Standard Special (K-12 Illinois) certificate may do so by supplementing the Standard Special option with the aid of an academic advisor in the Department of Special Education. Essentially the multiple certification may be accomplished as follows:

- Delete one to two sem. hrs. electives and Elementary Education 2000.
- Successfully complete Secondary Education 3330, Middle Level Education 3110 and 4280.
- Successfully complete 32 sem. hrs. in an Academic Area from the list of Academic Areas which follows: Art, Biological Science, Career and Technical Education, English, French, Health Studies, History, Mathematics, Music Education, Psychology, Social Studies, or Spanish.

Academic Areas

(All Areas Must Total 32 Semester Hours)

Art (Standard Special Certificate)

Art 1000, 1110, 2250, 2410, 2440; 2100 or 2700, 3410, 2050, plus 11 semester hours of electives from 2100, 2560, 2601G, 2330G, 2700, 3080, 3340G, 3820.

Biological Sciences (Standard High School Certificate)

Biological Sciences 1001G*, 1100, 1200G, 1300G or 3950, 2322, 3002G, 3200, 3400, 3610, 3612, 3720.

Business Education (Standard High School Certificate)

(Business 2101, 2102, 3710) or (Computer Information Systems 3510, 3500), Business 1950, Career and Technical Education 1420, 3000, 3400, 3401, and/or 3402, Computer Information Systems 3520, Economics 2801G, 2802G.

English (Standard High School Certificate)

English 2205, 2601, 2901, 3001, 3401, 3402, 4300; plus five additional courses from the groups including at least one in each of Groups 3, 4 and 5. (Consult the English course descriptions in Section XI for an explanation of the groups.)

Family and Consumer Sciences

(Standard High School Certificate)

Career and Technical Education 3400
Family and Consumer Sciences 1120, 1121, 2100, 2140, 2234, 2244, 2800, 2850, 3300, 4400, and one sem. hr. of FCS elective.

French (Standard High School Certificate)

32 semester hours in French including Foreign Languages 3400 and 3401, but excluding all Credit/No Credit courses.***

German (Standard High School Certificate)

32 semester hours in German to include Foreign Languages 3400, but excluding all Credit/No Credit courses.***

Health Studies (Standard High School Certificate)

Health Studies 2000, 2270, 3199, 3200, 3400, 3500, 3750, 4800; Biological Sciences 2001G* and five electives from at least two of the component areas designated in this catalog under Health Studies Minor.

History (Standard High School Certificate)

History 1500G, 2010, 2020, 2300, 2400, 2500; Social Science 3400; History electives ** numbered above 3000 to include three semester hours in U.S. History and three semester hours in non-U.S. History.

Mathematics (Standard High School Certificate)

Mathematics 1440G, 2310, 2442, 2443, 2550, 2800, 3271, 3400, 3530, 3701, 4800, and mathematics electives** above 3000.

Music Education (Standard Special Certificate)

Music 1101, 1103 (two semesters), 1541, 1542, 1543, 1544, 1581, 2155, 2440, 3439; 3581 or 3582; two hrs. from 1203, 1204, 2205, 2206, 1136 (determined by advisement and auditions); two semesters 0230 or 0231; (3155 and 3440) or 3400; applied study for four semesters. Total, 32 sem. hrs.

Social Studies (Standard High School Certificate)

History 2010, 2020, 2300, 2400, three sem. hrs. in U.S. History electives; eight sem. hrs. electives from one of anthropology, economics, political science or sociology; three sem. hrs. electives from anthropology, economics, political science or sociology; Social Science 3400.

Spanish (Standard High School Certificate)

32 semester hours in Spanish to include Foreign Languages 3400, 3401, and 3510, but excluding all Credit/No Credit courses.***

Technology Education (Standard High School Certificate)

Career and Technical Education 3400
Industrial Technology 1363, 1413, 2064, and 2324 plus six semester hours in a single technical area** and six semester hours of electives in industrial technology.

*May be used to satisfy General Education requirements.

**Appropriate electives should be chosen in consultation with an advisor in the academic department.

***Student must consult with advisor in foreign languages to determine starting level and optional course work.

¹There is no state certification test for the area of Psychology. Students selecting Psychology must have an academic minor (other than Speech or Theatre Arts), and must take the state subject exam in that minor.

COLLEGE OF SCIENCES

Mary Anne Hanner, *Acting Dean*
 Godson Obia, *Acting Associate Dean*
 Barbara Kuykendall, *Assistant to the Dean*

General Mission

The College of Sciences offers high quality undergraduate and graduate education in mathematics, the natural sciences and the social sciences. Students gain knowledge, skills and values that enable them to become productive and responsible citizens with a capacity for reasoned judgment and effective communication. Guided by a faculty known for its commitment to teaching, students are offered outstanding educational opportunities through the disciplines represented in the College of Sciences. The College contributes to the sciences through research and scholarly activities, and is committed to academic, professional and community service.

The College of Sciences provides programs leading to the Bachelor of Arts degree in five majors, one of which is offered with a teacher certification option. The College provides programs leading to the Bachelor of Science degree in nine majors; four of these majors are offered with a teacher certification option. International studies

options are available in economics and political science. Cooperative Bachelor of Science degrees are provided in engineering and clinical laboratory science. In addition to interdisciplinary minors in anthropology and pre-law, the College also offers minors in 11 disciplines. Five minors are offered in the teacher certification program. The College has Honors Programs in biological sciences, chemistry, communication disorders and sciences, economics, geography, geology, mathematics, physics, political science, and psychology.

At the graduate level, the College offers four programs which lead to the Master of Arts degree and four programs which lead to the Master of Science degree, including a Master of Sciences degree for Natural Science teachers. The College also offers a Specialist Degree in school psychology and participates in the interdisciplinary program in gerontology. See the *EIU Graduate Catalog* for further information about graduate programs.

Faculty of the College of Sciences

Biological Sciences (581-3126)

Kipp Kruse, *Chairperson*

Andrew S. Methven, *Associate Chairperson*

Bollinger, E.; Coons, J.; Costa, C.; Daniel, S.; Fischer, R.; Fritz, G.; Laursen, J.; Marjanovic, M.; McGaughey, J.; McGilliard, K.; Meiners, S.; Miller, B.G.; Mort, M.; Mullin, S.; Nathan, B.; Nelson, T.; Nilsen, H.; Owen, H.; Pederson, C.; Switzer, P.; Tucker, G.; Wong, G.

Chemistry (581-3322)

Ellen Keiter, *Chairperson*

Black, T. H.; Blitz, J.; Chesnut, R.; Deakayne, C.; Furumo, N.; Klarup, D.; Lawrence, B.; Marquart, J.; McGuire, M.; Sheeran, D.

Communication Disorders and Sciences (581-2712)

Gail Richard, *Acting Chairperson*

Calvert, L.; Dell, C.; Goldacker, F.; Jacques, R.; Larsen, J.; Smitley, J.; Throneburg, R.; Wilson, B.

Economics (581-5429)

Ebrahim Karbassioon, *Chairperson*

Abebe, T.; Bates, L.; Brodsky, N.; Bruehler, J.; Champlin, D.; Corley, E.; Dao, M.; Fahy, P.; Ghent, L.; Grant, A.; Hake, E.; Israel, D.; Mason, T.; Moshtagh, A.; Thompson, W.; Upadhyay, M.

Geology/Geography (581-2626)

Alan Baharlou, *Chairperson*

Bower, K.; Chesner, C.; Cornebise, M.; Gutowski, V.; Jorstad, R.; Khan, B.; McCarthy, W.; Obia, G.; Pheifer, R.; Smith, B.; Stimac, J.; Stratton, J.

Mathematics (581-2028)

Claire Krukenberg, *Chairperson*

Andrews, P.; Bishop, J.; Broline, D.; Comerford, J.; Comerford, L.; Coulton, P.; Davis, A.; Delman, C.; Dey, S.; Galperin, G.; Gauchman, H.; Gerling, M.; Glazebrook, J.; Hawker, C.; Henn, J.; Nanda, J.; Ronse, G.; Rosenholtz, I.; Schmalz, R.; Slough, W.; Van Cleave, N.; Weaver, M.; White, A.; Wolcott, K.

Physics (581-3220)

Keith Andrew, *Chairperson*

Aryaiejad, S.; Bergmann, R.; Brandt, D.; Conwell, J.; Daniels, S.; Davis, D.; Gardner, J.; Pakey, D.; Storm, L.

Political Science (581-2523)

Richard Wandling, *Chairperson*

Ashley, J.; Brazil, H.; Carwell, D.; Chen, Y.P.; Hendrickson, R.; Leigh II, P.; McNitt, A.; Mueller, M.; Poole, B.; Powell, D.; Roper, S.

Psychology (581-2127)

William Addison, *Acting Chairperson*

Bernas, R.; Best, J.; Brito, C.; Canivez, G.; Gruber, R.; Haile Mariam, A.; Havey, J.; Heller, M.; Kirk, W.; Leal, L.; McCormick, C.; Scher, S.; Sharma, A.; Spencer, W.; Stowell, J.; Williams, J.; Wilson, K.

Sociology/Anthropology (581-3123)

Gary Foster, *Chairperson*

Benedict, W.R.; Cosby, J.; Eckert, C.; Hendrickson, D.; Hummel, R.; Kashefi, M.; Magalis, J.; New-Freeland, L.; Schaefer, D.; Swartzbaugh, R.; Wohlstein, R.

Committee Program

Environmental Biology
 Medical Professions
 Pre-Engineering Studies
 Pre-Legal Studies

Coordinators

Robert Fischer
 Jeff Laursen
 Leonard Storm
 Charles M. Evans

ACADEMIC PROGRAMS

BIOLOGICAL SCIENCES (B.S.)

Major

Biological Sciences 1100, 1200G, 1300G, 3200, 3800, 4984	23 sem. hrs.
Chemistry 1310G, 1315G, (1410, 1415) or (1510, 1515), 2430, 2435	13 sem. hrs.
Mathematics 1440G or 1441G.....	4-5 sem. hrs.
Physics 1151G, 1152G, 1161, 1162.....	8 sem. hrs.
Biological Sciences 4750 or Mathematics 2250G	3-4 sem. hrs.
Concentration in Biology, Botanical Sciences, Ecology and Systematics, or Cell and Functional Biology	30 sem. hrs.
TOTAL	81-83 sem. hrs.

CONCENTRATIONS

Biology:

Course work in the following areas:

BIO 3510 or BIO 3520 and 26 sh of course work in the Biological Sciences (with the exception of BIO 3400, workshops, and courses designed for General Education except BIO 3002G) or Mathematics or Physical Sciences courses above 2000 (with the exception of general education and CHM 2310). A minimum of 20 sh must be taken in the Biological Sciences.

Botanical Sciences:

Course work in the following areas:

BIO 3300, BIO 3510, BIO 3610, BIO 3612, BIO 3614, BIO 4948 and 10 sh of course work from the following: BIO 2320, 2322, 3312, 3322, 3450, 3451, 4400, 4800, 4810, 4892, 4940, 4942, 4944, 4946, 4960, 4962.

Ecology and Systematics:

Course work in the following areas:

BIO 3510 OR BIO 3520 and 26 sh of course work from the following: BIO 3300, 3322, 3450, 3451, 3700, 3720, 3810, 3950, 3952, 4400, 4800, 4810, 4812, 4814, 4816, 4818, 4832, 4940, 4942, 4944, 4946, 4948, 4950, 4952, 4954, 4956.

Cell and Functional Biology:

Course work in the following areas:

CHM 3450, BIO 3100, BIO 3101, BIO 3300, BIO 3510¹ or BIO 3520¹, BIO 2200² or BIO 3614² or BIO 3620² or BIO 3622² and 11 sh of course work from the following: BIO 2200, 3210, 3450, 3451, 3510, 3520, 3614, 3620, 3622, 3624, 4400, 4751, 4800, 4820, 4830, 4832, 4834, 4836, CHM 4760, 4765, 4790, 4860.

¹ One course is required in concentration; the other may be used as an elective

² One course is required in concentration; the others may be used as an elective

(Major GPA based on all biological sciences courses taken at EIU)

Option in Environmental Biology

Biological Sciences 1100, 1200G, 1300G, 3002G, 3200, 3510 or 3520, 3800, 4275, 4984.....	42 sem. hrs.
Chemistry 1310G, 1315G, (1410, 1415) or (1510, 1515), 2430, 2435	13 sem. hrs.
Mathematics 1440G or 1441G.....	4-5 sem. hrs.
Biological Sciences 4750 or Mathematics 2250G	3-4 sem. hrs.
Political Science 3763	3 sem. hrs.
Economics 2800G.....	3 sem. hrs.
Earth Science/Geology 1300G or Earth Science 1400G	3-4 sem. hrs.
Electives: course work from the following:	15 sem. hrs.
BIO 3300, 3322, 3450, 3451, 3700, 3720, 3810, 3950, 3952, 4400, 4800, 4810, 4812, 4814, 4816, 4818, 4832,	

4940, 4942, 4944, 4946, 4948, 4950, 4952, 4954, 4956, ECN 3810, JOU/SPC 3920, GEL 4335, GEG 3780, 4890, ESC 3300, 3550, PSY 3001, REC 3600, 3860, 3900. TOTAL.....	86-89 sem. hrs.
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(Major GPA based on all biological sciences courses taken at EIU)

Option in Teacher Certification*

Biological Sciences 1100, 1200G, 1300G, 3200, 3400, 3510 or 3520, 3800, 4984	30 sem. hrs.
Chemistry 1310G, 1315G, (1410, 1415) or (1510, 1515)	8 sem. hrs.
Mathematics 2250G.....	4 sem. hrs.
Electives in Biological Sciences from:	12 sem. hrs.
BIO 1004G or BIO 3300, BIO 2200 or BIO 3620 or BIO 3622 BIO 2322 or BIO 3322, BIO 3610, 3612, 3950, 3952	
Electives in Math/Physical Science: selected from two or more clusters	9 sem. hrs.
Cluster 1: MAT 1310, 1340, 1430, 1440G, 1441G, 2110G. Cluster 2: ESC/GEL 1300G, ESC 1400G, GEL 1430. Cluster 3: CHM 2430, 2435, 3450, 2730, PHY 1151G, 1152G, 1161, 1162.	
TOTAL.....	63 sem. hrs.

(Major GPA based on all biological sciences courses taken at Eastern Illinois University)

* For the education course work required for this option, see Teacher Certification Programs.

Honors Program for Biological Sciences Majors with a 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have completed a minimum of 60 semester hours of course work (including transfer credit) with a 3.50/4.00 cumulative grade point average. Students admitted to the program must maintain a cumulative grade point average of 3.50. Students dismissed from the program because their cumulative grade point average has fallen below 3.50 may petition for readmission. Students must raise their cumulative grade point average to 3.50 by the end of the term immediately following dismissal for reinstatement.

Biological Sciences 4444 - Honors Independent Study ..	1-6 sem. hrs.
Biological Sciences 4555 - Honors Research	1-6 sem. hrs.
Biological Sciences 4644 - Honors Thesis	3 sem. hrs.
Biological Sciences 4666 - Honors Seminar	1-2 sem. hrs.
TOTAL.....	12 sem. hrs.

Students must take at least three credit hours in Honors Thesis, nine additional credits in Biological Sciences Honors courses, and complete all other requirements for the major. Honors Thesis supervision will be undertaken by a faculty member approved by the Chair and the Departmental Honors Coordinator. Credits in honors courses will replace 12 credit hours of electives in the major.

Minor in Biological Sciences

Biological Sciences 1100, 1200G, 1300G.....	12 sem. hrs.
Electives in Biological Sciences ^{1,2}	9 sem. hrs.
TOTAL.....	21 sem. hrs.

¹ With the exception of BIO 3400, workshops, and courses designed for General Education (except BIO 3002G).

² A minimum of 6 sh must be at or above the 3000 level

CHEMISTRY (B.S.)

Major

Chemistry 1310G, 1315G, 1510, 1515, 2310, 2440, 2445, 2730, 2840, 2845, 3000, 3001, 3500, 3780, 3910, 3915	33 sem. hrs.
Mathematics 1441G (or 1440G), 2442	9-10 sem. hrs.
Physics 1351G, 1352G, 1361, 1362 ²	8 sem. hrs.
Concentration in Chemistry, Biochemistry, or Management	21-27 sem. hrs.
TOTAL	71-78 sem. hrs.

Chemistry^{1,2}

Course work in the following areas:

CHM 3450, 3920, 4000, 4001, 4770, 4900, 4905; six semester hours of electives in Chemistry.³ **Total: 21 sem. hrs.**

Biochemistry:

Course work in the following areas:

CHM 3450, 3920, 4000, 4001, 4760, 4765, 4860; BIO 1100; six semester hours of electives in Chemistry³ or from the following: BIO 3200, 3210, 3300, 3510, 3520, 3622, 4820, 4830, 4834, 4836. **Total: 25 sem. hrs.**

Management:

Course work in the following areas:

BUS 2101, 2102, 3010, 3710, 3470; ECN 2801G, 2802G; PHI 3050G; three semester hours of electives in Chemistry⁴ or from the following: BUS 1950, 2810, 3950; COM 3800; ECN 3860; MAR 3490, 3720, 4490; MGT 3830, 4310, 4340. **Total: 27 sem. hrs.**

(Major GPA based on all chemistry courses taken at EIU.)

¹Physics 1371, 1372 recommended for Chemistry concentration.

²Approved by the Committee on Professional Training of the American Chemical Society.

³The following may not be used as electives: Chemistry 1040G, 2040G, 3040, 3100 and 3200.

⁴The following may not be used as electives: Chemistry 1040G, 2040G, 3040, 3100, 3200, and 4001.

Honors Program for Chemistry Majors with a 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have at least a 3.50 GPA on a 4.0 point scale, permission of the Director of Honors Programs, and permission of the Departmental Honors Coordinator.

Students in the Chemistry Honors Program must maintain an *overall* GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

At least 12 semester hours in the following courses:

- A. Six required semester hours
- | | |
|--------------------------------------|-------------|
| Chemistry 4555 Honors Research | 2 sem. hrs. |
| Chemistry 4666 Honors Seminar | 1 sem. hr. |
| Chemistry 4644 Honors Thesis | 3 sem. hrs. |
- B. Six or more semester hours elected from:
- | | |
|---|---------------|
| Chemistry 4444 Honors Independent Study | 0-3 sem. hrs. |
| Chemistry 4555 Honors Research | 0-3 sem. hrs. |
- A Chemistry graduate course approved by the Departmental Honors Coordinator
- | | |
|--|-------------|
| | 3 sem. hrs. |
|--|-------------|

Option in Chemistry with Teacher Certification* Standard High School Certificate

(Certification in a second field is required.)

Chemistry 1310G, 1315G, 1510, 1515	8 sem. hrs.
Chemistry 2310, 2440, 2445, 2730, 2840, 2845, 3000, 3001, 3100, 3780, 3910, 3915	24 sem. hrs.
Electives in Chemistry (excluding 1040G, 2040G, 3001, 3200, 3940, 4001)	3 sem. hrs.
Mathematics 1441G (or 1440G), 2442	9-10 sem. hrs.
Physical Science 3400	3 sem. hrs.
¹ Physics 1351G, 1352G, 1361, 1362	8 sem. hrs.
TOTAL	56-57 sem. hrs.

(Major GPA based on Physical Science 3400 and all chemistry courses taken at EIU)

¹A minimum of 10 semester hours of Physics (including four semester hours of laboratory) must be elected to meet certification requirements for teaching in Physics. Physics 3150 is recommended.

*For the education course work required for this option, see "Teacher Certification Programs."

Minor in Chemistry

Chemistry 1310G, 1315G; (1410, 1415) or (1510, 1515)	8 sem. hrs.
Track I or II	13-14 sem. hrs.
TOTAL	21-22 sem. hrs.

Track I:

Chemistry 2430, 2730	8 sem. hrs.
Electives in Chemistry (excluding 1040G, 2040G, 2440, 2445, 3001, 3100, 3940, 4001)	5-6 sem. hrs.

Track II:

Chemistry 2440, 2445, 2840, 2730	10 sem. hrs.
Electives in Chemistry (excluding 1040G, 2040G, 2430, 2445, 3001, 3100, 3940, 4001)	4 sem. hrs.

Minor in Chemistry for Teacher Certification

Chemistry 1310G, 1315G, (1410, 1415) or (1510, 1515)	8 sem. hrs.
Chemistry 2430, 2435, 2730, 3100	9 sem. hrs.
Electives chosen from Chemistry 2310, 3450, 3910	2-4 sem. hrs.
Physical Science 3400	3 sem. hrs.
¹ Physics (1151G, 1152G, 1161, 1162) or (1351G, 1352G, 1361, 1362)	8 sem. hrs.
TOTAL	30-32 sem. hrs.

¹A minimum of 10 semester hours of physics (including four semester hours of laboratory) must be elected to meet certification requirements for teaching in physics.

CLINICAL LABORATORY SCIENCE (B.S.)*

Major⁺

This cooperative degree program, administered by the Medical Professions Committee, leads to the Bachelor of Science degree. It is a four-year program including three years of college work followed by one year of work in an affiliated hospital. The degree requires 120 semester hours of credit including 90 semester hours at EIU (or a combination of transfer credits and credits earned at Eastern totaling 90 semester hours) and 32 semester hours credit for successful completion of a one-year program in clinical laboratory science at an affiliated hospital.

After completing 45 semester hours of this program, a student should apply to the Medical Professions Committee for admission into the Clinical Laboratory Science program. Approval by the Committee is required for admission to and continuation in the program. The decisions of the committee are based on the availability of spaces in approved affiliated hospitals for the fourth

year of the program as well as the applicant's academic qualifications. Students should have demonstrated at least a 2.75 GPA both cumulatively and in their biological science and chemistry courses, or they will be put on probationary status until these minima are met. Admission to the Clinical Laboratory Science program does not insure admission to an affiliated hospital program. EIU cannot guarantee admission to any of its affiliated hospitals.

Biological Sciences 1100, 1300G, 2001G or 3520, 3100 or 3200, 3210, 3300	21-23 sem. hrs.
Chemistry 1310G, 1315G, 1410, 1415, (2430, 2435) or (CHM 2440, 2445)	12-13 sem. hrs.
Chemistry 2730 or 2840 or 3450	3 sem. hrs.
Mathematics 1271 or Equivalent Math Placement Test Level	(3) sem. hrs.
Mathematics 2250G	4 sem. hrs.
Electives chosen from Business 3010, Biological Sciences 2200, 3700, Physics 1151G & 1152G, Physics 1161 & 1162	6-8 sem. hrs.
Clinical Laboratory Science 4000, 4005, 4010, 4020, 4030, 4040, 4050, 4055, 4060, 4070 (taken at affiliated hospital)	32 sem. hrs.
TOTAL	78-86 sem. hrs.

* Students completing cooperative degree programs will not be required to take a senior seminar or to submit the fourth sample to the Electronic Writing Portfolio because the terminal year is taken off-campus in cooperative programs.

+ (Major GPA based on all courses listed as appropriate for meeting major requirements.)

COMMUNICATION DISORDERS AND SCIENCES (B.S.)

Major (toward teacher certification)*

Biological Sciences 2200 or 2001G	3-4 sem. hrs.
Communication Disorders and Sciences 2000, 2100, 2200, 2500, 2800, 3100, 3200, 3300, 3700, 3900, 4300, 4500, 4760, 4770	38 sem. hrs.
Communication Disorders and Sciences 4900**	1 sem. hrs.
Physics 1071, 1072	4 sem. hrs.
Psychology 1879G, 3765 or 3780, 4515 or Special Education 3000 or 3500	9 sem. hrs.
Psychology elective	3 sem. hrs.
TOTAL	58-59 sem. hrs.

Admission to the Major

Communication Disorders and Sciences

I. Probational Admission

Students entering EIU as freshmen or transfers seeking a CDS major will be classified as probational CDS majors. Probational majors may register for all lower division (2999 or lower) courses in the CDS major.

II. Admission to the CDS Major

Access to all upper division CDS courses (3000 or higher) requires admission to the CDS Major. The Department Admissions Committee reviews the applications of all probational CDS majors seeking admission to the major. The committee determines if the student's academic achievement supports admission to the major and access to upper division (3000 or higher) courses.

III. Criteria for Degree Admission

1. Admission to the University
2. Classification as a probational CDS major.
3. Achievement of a cumulative GPA of 2.5 or higher for all EIU course work.
4. For native EIU students, completion of at least 45 semester hours of course work at EIU.
5. For transfers, completion of at least 15 semester hours of course work at EIU.
6. Completion of at least three of the five lower division core CDS courses in the major and achievement of a minimum

2.85 GPA for all lower division core CDS courses completed at the time of application. Lower division core courses are:

CDS 2000 Introduction to CDS	1 sem. hr.
CDS 2100 Phonetics & Phonological Development	3 sem. hrs.
CDS 2200 Language Acquisition	3 sem. hrs.
CDS 2500 Anatomy & Physiology	3 sem. hrs.
CDS 2800 Speech Science	3 sem. hrs.

IV. Registration for Upper Division Courses

Only students admitted to the CDS major will be approved to register for upper division (3000 or higher) CDS courses.

V. Probational Majors Who Do Not Meet Admission to the CDS Major Criteria

Probational CDS majors who do not meet the requirements for admission to the CDS major will remain classified as probational. Probational majors may continue to take lower division CDS courses; however, probational majors may not register for upper division CDS courses. Probational majors may reapply for admission to the major when they meet the admission requirements or they may seek advisement in changing majors.

VI. Application Deadlines

Applications are available in the Department Office, Room 203, Clinical Services Building. Probational majors must return completed applications to the Department Office on or before the following deadlines in order to be admitted to the major and register for upper-division courses:

Term of Notification	Application	
Admission	Deadline	Date
Fall	February 1	March 1
Fall (Entering Summer)	June 15	July 1
Spring	September 15	October 1

(Major GPA based on all Communication Disorders and Sciences courses taken at EIU.)

*For the education course work required for this option, please see the sections of this catalog in the College of Education and Professional Studies titled, "Revised Illinois General Education Requirements" and "Professional Education Requirements in Communication Disorders and Sciences," or consult with a department advisor.

**A 2.5 overall GPA and a 2.85 GPA in the Communication Disorders and Sciences major are required for admission to CDS 4900.

Note: The Master's Degree is the required level of training for Certification by the American Speech-Language-Hearing Association, the Illinois State Board of Education, and the Illinois Department of Professional Regulation. At least a 3.00 GPA (A=4.0) in the undergraduate Communication Disorders and Sciences major, three letters of recommendation and completion of Communication Disorders and Sciences and Graduate School application procedures are required for admission consideration to the graduate program at EIU. Admission is competitive. All applicants are ranked by a Graduate Admissions Committee according to major GPA, Clinical Criteria, and Professional Criteria. Meeting minimum GPA requirements does not guarantee admission. The committee considers all applications including those of transfers from other four-year colleges and universities. The program is limited to 45 full-time degree-seeking graduate students per year. For more information on the M.S. program in Communication Disorders & Sciences, see the *Graduate Catalog*.

Honors Program for Communication Disorders and Sciences Majors with a 3.50 Cumulative GPA

Admission to the Department Honors Program in Communication Disorders and Science requires a minimum 3.50 (4.0 scale) cumulative GPA and approval of the Department Honors Admission Committee. Students must maintain a cumulative GPA of 3.5 (4.0 scale) to continue in the Honors Program. Honors courses will replace required and elective courses in the CDS curriculum. Admission will be limited to availability of program resources.

Departmental Honors Requirements

CDS Honors students will complete all of the requirements for the major with the following substitutions:

Communication Disorders and Sciences 4666.....	3 sem. hrs.
Honors Speech Science	
Communication Disorders and Sciences 5000.....	3 sem. hrs.
Introduction to Graduate School**	
Communication Disorders and Sciences 4644.....	<u>6 sem. hrs.</u>
Honors Thesis	
TOTAL	12 sem. hrs.

**CDS 4760 and CDS 4770 are part of the regular undergraduate curriculum in CDS. Honors students may substitute honors courses for one of these courses in their undergraduate program. CDS 4760 of CDS 4770 may be taken for graduate credit during graduate school.

ECONOMICS (B.A.)

Major*

Admission to this program requires a minimum of 2.25 cumulative GPA in at least 12 semester hours of work taken at EIU or at another accredited institution of higher education. Graduation from this program requires at least a "C" grade in each of Economics 3971 (or Mathematics 3701** or Business 2810 or other equivalent courses subject to Economics Department approval), 3972, (or Mathematics 3702), 4689, 4801, and 4802, whether the course or its equivalent is taken at Eastern or at another school.

¹ Economics courses including Economics 2801G, 2802G, 3971 (or Mathematics 3701** or Business 2810 or other equivalent courses subject to Economics Department approval), 3972 (or Mathematics 3702**), 4689, 4801, 4802; and excluding 2800G.....	36 sem. hrs.
² Mathematics 2110G or 1440G** or 1441G**	3-5 sem. hrs.
Mathematics 2120G or 2550**	<u>3 sem. hrs.</u>
TOTAL	42-44 sem. hrs.

(Major GPA based on all economics courses taken at EIU.)

¹Substitution of Business, Mathematics or other equivalent courses for Economics 3971 and/or 3972 does not reduce the 36 semester hours required in Economics courses.

²On the basis of the ACT Mathematics score, a student may also be required to take Mathematics 1270 and/or 1271.

*It is strongly recommended that students complete Mathematics 2110G (or 1440G or 1441G) and 2120G (or 2550) before enrolling in Economics courses numbered 4750 and above.

**These courses are recommended for those students who wish to enter Ph.D. programs in Economics. It is also strongly recommended that prospective Ph.D. students complete the entire calculus sequence by following Mathematics 1440G or 1441G with Mathematics 2442 and 2443 which are prerequisites for Mathematics 3701 and 3702, as well as the differential equations sequence, MAT 3501 and MAT 3502.

Honors Program for Economics Majors with a 3.50 Cumulative GPA

To be admitted to the honors program, students must have at least a 3.50 grade-point average on a 4.0 point scale, permission of the Director of Honors Programs, and permission of the Departmental Honors Coordinator.

Students in the Economics Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors students must complete the following:

- A. Nine semester hours in a combination of the following courses. Each course may be repeated for a maximum of six semester hours. Repeating a course must be approved by the Departmental Honors Coordinator.
 Honors Independent Study 4444.....3 sem. hrs.
 Honors Seminar 4666

B. Honors Thesis 4644

C. Complete the other requirements for the Economics major. The hours earned in Honors courses will count toward the hours requirement for the major.

Option in Economics with International Studies

¹ Economics courses including Economics 2801G, 2802G, 3860, 3971 (or Mathematics 3701** or Business 2810 or other equivalent courses subject to Economics Department approval), 3972 (or Mathematics 3702**), 4689, 4801, 4802, and excluding 2800G.....	33 sem. hrs.
² Mathematics 2110G or 1440G or 1441G**.....	3-5 sem. hrs.
Mathematics 2120G or 2550**	3 sem. hrs.
Business 2101, 2102	6 sem. hrs.
Business 3010 and Management 4600 or Business 3710, Finance 3730, and Finance 4820.....	6-9 sem. hrs.
³ History 1400, 2300, 2400, 3110, 3250, 3260, 3320, 3350, 3450, 3800, 4820; Political Science 2253G, 3203, 3223, 3303, 3323, 3333, 3343, 3353, 3363, 3373, 4823, 4933	9 sem. hrs.
Proficiency at the intermediate level of a Foreign Language or completion of courses in Foreign Language to include French 2202G, German 2202G, Spanish 2202G.....	<u>0-16 sem. hrs.</u>
TOTAL.....	60-81 sem. hrs.

¹Substitution of Business, Mathematics or other equivalent courses for Economics 3971 and/or 3972 does not reduce the 33 semester hours required in Economics courses.

²On the basis of the ACT Mathematics score, a student may also be required to take Mathematics 1270 and/or 1271.

³No more than six semester hours may be counted from either History or Political Science.

*It is strongly recommended that students complete Mathematics 2110G (or 1440G or 1441G) and 2120G (or 2550) before enrolling in Economics courses numbered 4750 and above.

**These courses are recommended for those students who wish to enter Ph.D. programs in Economics. It is also strongly recommended that prospective Ph.D. students complete the entire calculus sequence by following Mathematics 1440G or 1441G with Mathematics 2442 and 2443 which are prerequisites for Mathematics 3701 and 3702, as well as the differential equations sequence MAT 3501 and 3502.

Minor in Economics

Economics 2801G and 2802G	6 sem. hrs.
Electives in Economics* (excluding Economics 2800G, 3970, and 4275) ¹	<u>15 sem. hrs.</u>
TOTAL ²	21 sem. hrs.

*It is strongly recommended that students elect Economics 3971, 4801 and/or 4802.

¹It is strongly recommended that students complete Mathematics 2110G (or 1440G or 1441G) and 2120G (or 2550) before enrolling in Economics courses numbered 4750 and above.

²Substitution of Business, Mathematics or other equivalent courses for Economics 3971 does not reduce the 21 semester hours required in Economics courses.

ENGINEERING (B.S.)*

(See also "Pre-Engineering Program")

This cooperative degree program, administered by the Pre-Engineering Studies Committee, requires about three years of work at EIU followed by two years of work at either the University of Illinois at Urbana-Champaign (UIUC) or Southern Illinois University at Carbondale (SIUC). It is designed to provide engineering students with a broader base of liberal arts than is usually given in a four-year curriculum. Upon completion of the program, the student receives a Bachelor of Science degree from EIU and a Bachelor of Science in Engineering degree from UIUC or SIUC. Interested students should consult with the chairperson of the Pre-Engineering Studies Committee for detailed requirements of the program.

Chemistry 1310G, 1315G, 1510, 1515	8 sem. hrs.
Mathematics (1440G or 1441G), 2310 ¹ , 2442, 2443, 3501	19-20 sem. hrs.
Physics 1000 ² , 1351G, 1352G, 1361, 1362, 1371, 1372	12 sem. hrs.
³ Industrial Technology 1043, Physics 2390, 2400, 3270	4-13 sem. hrs.
English 1001G, 1002G	6 sem. hrs.
Speech Communication 1310G	3 sem. hrs.
General Education electives ⁴	20-27 sem. hrs.
TOTAL	73-89 sem. hrs.

Elective credit to bring the total to 90 semester hours.

*Students completing cooperative degree programs, i.e., Engineering and Clinical Laboratory Sciences, will not be required to take a senior seminar or to submit the fourth sample to the Electronic Writing Portfolio because the terminal year is taken off-campus in cooperative programs. (Major GPA based on all courses in chemistry, industrial technology, mathematics, and physics taken from the list above.)

¹Or an equivalent programming course in C or C++ having engineering applications. SIUC electrical engineering majors take MAT 2170.

²This course should be repeated each semester that a student attends Eastern. In the case of course conflicts with this course, a waiver should be obtained from the Chair of the Pre-Engineering Studies Committee.

³Students are encouraged to take all of these courses, but one or more may not be required in certain engineering fields. SIUC electrical engineering majors take PHY 3410 instead of INT 1043.

⁴These courses should be selected in consultation with the chairperson of the Pre-Engineering Studies Committee to ensure that Eastern's General Education requirements and UIUC or SIUC requirements are both fulfilled.

After completing 60 semester hours in this curriculum, a student may apply to the Pre-Engineering Studies Committee for admission as an engineering candidate. The requirements for admission as an engineering candidate are a minimum grade-point average of 2.50 for UIUC (2.00 for SIUC) and approval by the committee. Continuation as an engineering candidate includes meeting the transfer requirements of the College of Engineering at UIUC or SIUC.

A student who transfers into this curriculum from another college or university must be in residence at EIU for at least one semester before he/she becomes eligible for admission as an engineering candidate.

GEOGRAPHY (B.S.)

Major

Required Courses

Earth Science 1400G.....	4 sem. hrs.
Earth Science/Geography 3200	3 sem. hrs.
Earth Science/Geology 1300G.....	4 sem. hrs.
Geography 1100G, 1200G, 3800, 3875, 3885	15 sem. hrs.
Geography/Geology 3420.....	3 sem. hrs.
Total	29 sem. hrs.

Courses selected for Concentration A, B, or C.....	18 sem. hrs.
TOTAL.....	46 sem. hrs.

Concentration Requirements

All majors will take 18 semester hours from geography and/or earth science courses in addition to the 28 semester hours of required courses.

A. General Geography

Eighteen semester hours from geography and/or earth science courses *other than Required Courses*. The course of study for the General Geography Concentration will be determined by students only after discussion with, and approval by, their major advisor and department chair.

B. Environmental Studies

Eighteen semester hours from geography and/or earth science *other than Required Courses*. Student must take at least 12 semester hours from the following: Economics 3810; Earth Science 2420, 3300, 3410, 3550, 3960, 4275, 4400, 4430; Earth Science/Geology 2450G, 3010G, Biological Sciences 3002G; Geology 3425, 3525, 4335; Geography 4400.

C. Geographic Techniques/Spatial Analysis

Eighteen semester hours from geography/earth science *other than Required Courses*. Students must take at least 12 semester hours from the following: Earth Science 3960, 4400; Geography 3600, 3750, 3855, 3865, 4275, 4400, 4430, 4890.

Additional Geography optional courses:

Geography 3000, 3025, 3050, 3055, 3065, 3650, 3700, 3775, 3780.

(Major GPA based on all geography and required earth science and geology courses taken at EIU.)

Honors Program for Geography Majors with a 3.50 Cumulative GPA

Departmental Honors Requirements

12 semester hours in a combination of the following courses:

Geography 4666 Honors Seminar	1-3 sem. hrs.
An approved graduate course.....	1-3 sem. hrs.
Geography 4444 Honors Independent Study	1-6 sem. hrs.
Geography 4555 Honors Research	1-6 sem. hrs.
Geography 4644 Honors Thesis	1-6 sem. hrs.
TOTAL.....	12 sem. hrs.

Students in the Honors Program for Geography Majors must maintain a 3.5 cumulative GPA and complete all other requirements for the Geography major. The departmental honors courses and approved graduate course will count toward and replace concentration hours in the Geography B.S. Major. Supervision of a student's course work in the Departmental Honors Program for Geography Majors will be undertaken by a faculty member after approval by the Departmental Honors Coordinator and Department Chairperson. It is highly recommended that students take Geography 4444, 4555 and 4644 in consecutive semesters.

Minor in Geography

Geography 1100G or 1200G	3 sem. hrs.
Earth Science 1300G or 1400G	4 sem. hrs.
Geography 3800.....	3 sem. hrs.
Electives in geography or earth science selected in consultation with a Geology/	

Geography Department Chairperson. These must include at least six sem. hrs. of courses numbered 3000 or above	12 sem. hrs.
TOTAL	22 sem. hrs.

Minor in Geography for Teacher Certification

Geography 1100G, 1200G, Earth Science 1300G	10 sem. hrs.
Geography 3200 or Earth Science 3300	3 sem. hrs.
Geography 3000 or 3025	3 sem. hrs.
Geography 3600 or 3650 or 3700 or 3750	3 sem. hrs.
Geography 3800 or 3865 or 3875 or 3885	3 sem. hrs.
Social Science 3400	3 sem. hrs.
Geography Elective	3 sem. hrs.
TOTAL	28 sem. hrs.

GEOLOGY (B.S.)

Major

Biological Sciences 1003G	3 sem. hrs.
Chemistry 1310G, 1315G, 1410 & 1415 or 1510, 1515	8 sem. hrs.
Geology 1300G, 1430, 2440, 3405, 3420, 3430, 3510, 3560, 4335, 4490, 4800	40 sem. hrs.
Electives:	

9 semester hours must be taken from the following A and B lists:

- A. A minimum of 6 semester hours must be taken from the following courses: Geology 3425, 3440, 3460, 3470, 3490, 3500, 3525, 4000, 4200, 4450, 4480, 4892; Earth Science 3300
- B. A maximum of 3 semester hours can be used from the following courses to meet the elective requirement: Geology 3800, 3855, 4890 and Earth Science 3550

Mathematics 1330, 1440G (or 1441G).....	6-7 sem. hrs.
Physics 1151G, 1152G, 1161, 1162	8 sem. hrs.
TOTAL	74-75 sem. hrs.

(Major GPA based on all geology and required earth science and geography courses taken at EIU.)

Honors Program for Geology Majors with a 3.50 Cumulative GPA

Departmental Honors Requirements

Twelve semester hours in a combination of the following courses: (Each course, except thesis, may be repeated for a maximum of six hours. Repetition of courses and graduate course selection must be approved by the Departmental Honors Coordinator.)

A. Geology 4444 Honors Independent Study.....	0-6 sem. hrs.
Geology 4666 Honors Seminar	0-6 sem. hrs.
Approved graduate course	0-3 sem. hrs.
B. Geology 4555 Honors Research	1-6 sem. hrs.
Geology 4644 Honors Thesis	1-6 sem. hrs.
TOTAL	12 sem. hrs.

- C. Students must take Honors Research and Honors Thesis and may select courses under item A with the approval of the Departmental Honors Coordinator.
- D. Students must complete the other requirements for the Geology major. The departmental honors courses will count toward and replace the hours in the major in the electives area.
- E. Students in the Geology Honors Program must maintain a cumulative grade-point average of 3.50.
- F. Honors thesis supervision will be undertaken by a faculty member approved by the Departmental Chairperson, the Departmental Honors Coordinator, and the student's Faculty Advisor.

Minor in Earth Science

Earth Science 1300G, 1400G, 2420 (or Geography 3420), 2450G, 3410	17 sem. hrs.
Any three-semester-hour 3000-4000 level course from Earth Science or Geology	3 sem. hrs.
TOTAL	20 sem. hrs.

Minor in Earth Science for Teacher Certification

Chemistry 1310G, 1315G	4 sem. hrs.
Earth Science 1400G	4 sem. hrs.
Geology 1300G, 1430	8 sem. hrs.
Physics 1055G, 1056G	4 sem. hrs.
Physical Science 3400	3 sem. hrs.
Two of the following Earth Science courses:	
2420, 2450G, 3410	6 sem. hrs.
TOTAL	29 sem. hrs.

Minor in Geology

Geology 1300G, 1430, 2440, 3405	16 sem. hrs.
Six semester hours in elective Geology courses numbered 3000 and above	6 sem. hrs.
TOTAL	22 sem. hrs.

MATHEMATICS (B.A.)

Major

Mathematics (1440G or 1441G), (2310 or 2170), 2442, 2443, 2550, 2800, 3530, 3800.....	28-29 sem. hrs.
Courses from Group I or Group II.....	23 or 33 sem. hrs.
TOTAL	51-62 sem. hrs.

Group I

Mathematics 4760, 4855, 4860	11 sem. hrs.
Electives chosen from Mathematics 3271, 3272, 3501, 3502, 3701, 3702, 3770, 4750, 4830, 4850, 4910	12 sem. hrs.
TOTAL	23 sem. hrs.

OR

Group II

Mathematics 3701, 3702, 4750, 4850 or Computer and Operations Management 3800, Economics 2801G, 2802G, Business 2101	21 sem. hrs.
Electives from Mathematics 2670, 3570, 3670 3770, 4490, 4760, 4780, 4830, 4870, 4970	6 sem. hrs.
Electives from Economics 3972, 4802, 4803, Business 2102, 3010, Finance 3900	6 sem. hrs.
TOTAL	33 sem. hrs.

(Major GPA based on courses taken in one of the above groups and on all mathematics courses taken at EIU.)

Option in Mathematics with Teacher Certification Standard High School Certificate*

Mathematics (1440G or 1441G), 2170, 2442, 2443, 2550, 2800, 3271, 3272, 3400, 3530, 3701, 3702, 4900	45-46 sem. hrs.
TOTAL	45-46 sem. hrs.

(Major GPA based on all mathematics courses taken at EIU.)

*For the education course work required for this option, see "Teacher Certification Programs."

Honors Program for Mathematics Majors with a 3.50 Cumulative GPA

Admission to the Mathematics Departmental Honors Program will be open to students who have at least a 3.50 GPA, on a 4.0 scale, for all classes, over at least 12 semester hours of work in residence at EIU, and who have the permission of the Director of the Honors

Programs and the Departmental Honors Coordinator. Mathematics 2800 (for Mathematics Majors) or 2345 (for Mathematics and Computer Science Majors) must be completed prior to admission.

Students in the Mathematics Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Director of the Honors Programs and the Departmental Honors Coordinator.

Departmental Honors Requirements

At least 12 hours, which must include Mathematics 4644, from among the following Honors courses:

Mathematics 4555 Honors Research..... 3 sem. hrs.
 Mathematics 4644 Honors Thesis (required)..... 3 sem. hrs.
 Mathematics 4666 Honors Seminar..... 2-4 sem. hrs.
 Mathematics 4444 Honors Independent Study 1-3 sem. hrs.

Honors thesis supervision will be undertaken by a faculty member approved by the Departmental Honors Coordinator, the student's Faculty Advisor, and the Departmental Chairperson. The thesis must be submitted and defended in accordance with the Senior Thesis Guide and must be signed by the thesis supervisor.

A graduate course (5000+) may fulfill 3 of the above 12 hours with permission of the Director of the Honors Programs, the Departmental Honors Coordinator, and the Graduate Coordinator. (A graduate course may not replace Mathematics 4644.)

Students in the departmental honors program must complete all requirements for graduation with a degree in Mathematics, Mathematics with Teacher Certification, or Mathematics and Computer Science. The following substitutions may be made:

A mathematics honors seminar in any area may be substituted for the major requirement in that area, or for any elective towards the major, with permission of the Department Honors Coordinator and the Departmental Chairperson. (Example: An honors seminar in Probability may be substituted for Mathematics 3701.)

A mathematics graduate course (5000+) in any area may be substituted for the major requirement in that area with permission of the Departmental Honors Coordinator and the Departmental Chairperson.

Minor in Mathematics

Mathematics (1440G or 1441G), 2442, 2443..... 13-14 sem. hrs.
 Electives in mathematics selected in consultation with a math advisor. These may be any course numbered 2170 or above, with at least six sem. hrs. numbered 3000 or above, but excluding 3400, 3520, 3620..... 9 sem. hrs.
 TOTAL 22-23 sem. hrs.

Minor in Mathematics for Teacher Certification

Mathematics (1440G or 1441G), 2170, 2442, 2550, 2800, 3271, 3400, 3530..... 29-30 sem. hrs.

MATHEMATICS AND COMPUTER SCIENCE (B.S.)

Major

Computer and Information Systems 3300..... 3 sem. hrs.
 Mathematics (1440G or 1441G), 2170, 2345, 2442, 2443, 2550, 2670, 3570, 3670, 3701, 3702, 3770, 4870, 4970 46-47 sem. hrs.
 Mathematics 4275* 10 sem. hrs.
 Electives chosen from Computer and

Information Systems 3340, Mathematics 3501, 3502, 3530, 4750, 4850, Physics 3150 6-8 sem. hrs.
 TOTAL..... 65-68 sem. hrs.

*Up to 15 sem. hrs. may be taken but only 10 sem. hrs. count toward major.

(Major GPA based on those courses listed above taken at EIU.)

PHYSICS (B.S.)

Major

Chemistry 1310G, 1315G; 1510; 1515..... 8 sem. hrs.
 Mathematics (1440G or 1441G), 2442, 2443, 3501, 3502 19-20 sem. hrs.
 Physics (1351G, 1352G)* or (1391G, 1392G); 1361*, 1362*, 1371, 1372, 2390, 2400, 3080, 3150, 3410, 3420, 4000, 4010, 4850..... 37 sem. hrs.
 Physics 4710 3 sem. hrs.
 Electives from Physics 3010, 3011, 3012, 3090, 3270, 3300, 3350, 4410, 4470, 4750, 4800, 4860, 4870 6 sem. hrs.
 TOTAL..... 74 sem. hrs.

(Major GPA based on all physics courses taken at Eastern Illinois University.)

*or (1351G/1352G, 1361/1362) or (1151G/1152G, 1161/1162) with permission of the chairperson of the department.

Option in Applied Physics

The applied physics option is for students interested in quantitative applications of the laws of physics to a number of applied areas including electronics, geosciences and solid-state physics.

Chemistry 1310G, 1315G, 1510, 1515..... 8 sem. hrs.
 Earth Sciences/Geology 3010G..... 3 sem. hrs.
 Mathematics 1441G, 2170, 2442, 2443, 3501 20 sem. hrs.
 Physics 1351G, 1352G, 1361, 1362, 1371, 1372, 2390, 3080, 3150, 4470 26 sem. hrs.
 Physics 4710--Radiation Lab 1 sem. hr.
 Physics 4710 1 sem. hr.
 TOTAL..... 59 sem. hrs.

Option in Radiation Physics

The radiation physics option is for students interested in applications of physics that occur in the nuclear radiation fields including radio-pharmaceuticals, dosimetry and environmental radiation safety.

Chemistry 1310G, 1315G, 1410, 1415, 2730..... 11 sem. hrs.
 Earth Sciences/Geology 3010G, Geology 4335..... 6 sem. hrs.
 Mathematics 2110G or 1440G or 1441G; 2170..... 6-8 sem. hrs.
 Physics 1151G, 1152G, 1161, 1162, 3150..... 12 sem. hrs.
 Physics 3011 -- Radiation Safety Methods..... 2 sem. hrs.
 Physics 3012 -- Laser Safety Methods..... 2 sem. hrs.
 Physics 4000 -- Physics Seminar..... 1 sem. hr.
 Physics 4710 -- Radiation Lab 2 sem. hrs.
 Physics 4710 -- Laser Lab 1 sem. hr.
 Electives chosen from: Biological Sciences 3100, Chemistry 2430, 2435, 3450, Family and Consumer Sciences 4820, Mathematics 2250G, Physics 3080, 4010, 4600, 4800 ... 5 sem. hrs.
 TOTAL..... 48-50 sem. hrs.

Option in Physics with Teacher Certification* Standard High School Certificate

Chemistry 1310G, 1315G, 1510, 1515¹ 8 sem. hrs.
 Mathematics (1440G or 1441G), 2170, 2442, 2443, 3501..... 19-20 sem. hrs.
 Physical Science 3400..... 3 sem. hrs.
 Physics (1351G, 1352G or 1391, 1392; 1361, 1362)²,

1371, 1372, 2390, 2400, 3080, 3150, 3410, 4000, 4010, 4470.....	34 sem. hrs.
Physics 3500.....	1 sem. hr.
Physics 4710.....	2 sem. hrs.
TOTAL.....	67-68 sem. hrs.

(Major GPA based on Physical Science 3400 and all physics courses taken at EIU.)

*For the education course work required for this option, see "Teacher Certification Programs."

¹Students who wish to teach chemistry should take a minimum of 10 semester hours of chemistry (including four semester hours of laboratory) in order to meet certification requirements in chemistry.

²or (1151G, 1152G, 1161 1162) with permission of the chairperson of the department.

Honors Program for Physics Majors with a 3.50 Cumulative GPA

Admission to the Physics Departmental Honors Program will be open to students who have at least a 3.50 GPA, for all classes, on a 4.0 point scale, permission of the Director of Honors Programs, and permission of the Departmental Honors Coordinator. In addition, Physics 2390 and Mathematics 3501 must be completed prior to admission.

Students in the Physics Honors Program must maintain an *overall* GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

At least 12 semester hours in the following honors courses, and subject to the following minima:

Physics 4555 Honors Research.....	3 sem. hrs.
Physics 4644 Honors Thesis.....	3 sem. hrs.
Physics 4666 Honors Seminar.....	2 sem. hrs.
Physics 4444 Honors Independent Study.....	2 sem. hrs.

Students in the Departmental Honors program must also complete all the requirements for graduation as a physics major as given in the current *Undergraduate Catalog*.

Honors thesis supervision will be undertaken by a faculty member approved by the Departmental Chairperson, the Departmental Honors Coordinator, and Faculty Advisor. The thesis must be submitted and defended in accordance with the Senior Thesis Guide and must be signed by the thesis supervisor.

Minor in Physics

Physics (1351G, 1352G or 1391G, 1392G or 1151G, 1152G); (1361, 1362, or 1161, 1162), 1371, 1372.....	12 sem. hrs.
Electives from: Physics 2390, 2400, 3010, 3011, 3012, 3080, 3090, 3150, 3300, 3350, 3410, 3420, 4470, 4710, 4750, 4850, 4860, (not more than two sem. hrs. from 3010, 3011, 3012).....	6 sem. hrs.
TOTAL.....	18 sem. hrs.

Minor in Physics for Teacher Certification

Chemistry 1310G, 1315G, 1510, 1515 ¹	8 sem. hrs.
Mathematics (1440G or 1441G), 2442.....	9-10 sem. hrs.
Physical Science 3400 ²	3 sem. hrs.
Physics (1351G, 1352G or 1391G, 1392G; 1361, 1362) ³ , 1371, 1372, 3150.....	16 sem. hrs.
Electives chosen from Physics 2390, 3080, 3410, 4470, 4710, 4750, 4850.....	3 sem. hrs.
TOTAL.....	39-40 sem. hrs.

¹Students who wish to teach chemistry should take a minimum of 10 semester hours of Chemistry (including four semester hours of laboratory) in order to meet certification in chemistry requirements.

²Physical Science 3400 may be omitted if the student has credit in Life Science 3400.

³or (1151G, 1152G, 1161, 1162) with permission of the chairperson of the department.

POLITICAL SCIENCE (B.A.)

Major

Political Science 1003, 1153G or 1193G, 2003, 2053, 2253G or 2293G, 2603.....	18 sem. hrs.
International Relations: one of Political Science 3203, 3223, 3373, 4823.....	3 sem. hrs.
Comparative Politics: one of Political Science 3303, 3323, 3333, 3343, 3353, 3363.....	3 sem. hrs.
American Political Behavior: one of Political Science 3713, 3723, 3733.....	3 sem. hrs.
American Institutions and Policies: one of Political Science 3643, 3743, 3753, 3763, 4843...3	3 sem. hrs.
Public Administration: one of Political Science 3413, 4793, 4873, 4893.....	3 sem. hrs.
Public Law: one of Political Science 3513, 3523, 3543, 3903, 4774, 4853.....	3-4 sem. hrs.
Political Theory: one of Political Science 4903, 4913, 4933.....	3 sem. hrs.
Electives in Political Science.....	6 sem. hrs.
TOTAL.....	45-46 sem. hrs.

(Major GPA based on all political science courses taken at EIU.)

Public Administration Concentration for Political Science Majors

In addition to meeting all requirements for the Political Science Major, students will take a total of 12 hours from two groups of courses. All courses with a PLS prefix taken to meet Public Administration concentration requirements must be in addition to requirements for the major.

Group One (9 hours): Students will take three courses from Group One, excluding the course taken to meet the public administration requirement for the major.
PLS 3413, 4793, 4873, 4893.....9 sem. hrs.

Group Two (3 hours): Students will take one of the following courses: PLS 3643, 3763, 3903, 4843,
ECN 3851, ACC 3701.....3 sem. hrs.
TOTAL.....12 sem. hrs.

Honors Program for Political Science Majors with a 3.50 Cumulative GPA

Admission to the Political Science Departmental Honors Program is open to students who have at least a 3.50 grade-point average on a 4.0 point scale and have completed the following: Political Science 1003, 1153G or 1193G, 2003, 2053, 2253G or 2293G, and 2603. Permission of the Director of Honors Programs and the Departmental Honors Coordinator is also required.

Students in the Political Science Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Political Science 4444 Honors Independent Study.....	3 sem. hrs.
Political Science 4555 Honors Research.....	3 sem. hrs.
Political Science 4644 Honors Thesis.....	3 sem. hrs.
Political Science 5000 through 5499 Graduate Seminar.....	3 sem. hrs.

The graduate seminar required of honors students may substitute for one of the distribution requirements in the major with the prior

approval of the Departmental Chairperson and the Departmental Honors Coordinator.

Option in Political Science with International Studies

Political Science 1003, 1153G or 1193G, 2003, 2053, 2253G or 2293G	15 sem. hrs.
International Relations & Comparative Politics - 12 sem. hrs. from Political Science 3203, 3223, 3303, 3323, 3333, 3343, 3353, 3363, 3373, 4823	12 sem. hrs.
American Politics - one of Political Science 3643, 3713, 3723, 3733, 3743, 3753, 3763, 4843	3 sem. hrs.
Public Administration - one of Political Science - 3413, 4793, 4873, 4893.....	3 sem. hrs.
Political Theory - one of Political Science 4903, 4913, 4933	3 sem. hrs.
History - two of History 3110, 3200, 3210, 3250, 3260, 3300, 3350, 3450, 4820, 4830	6 sem. hrs.
Economics - 12 sem. hrs. from Economics 2801G, 2802G, 3860 plus one from Economics 4511, 4570, 4813, 4861, 4875.....	12 sem. hrs.
TOTAL	54 sem. hrs.

Proficiency in a foreign language at the intermediate level or completion of courses in a foreign language to include French 2202G or German 2202G or Spanish 2202G is also required.

Minor in Political Science

18 semester hours in political science, including Political Science 1153G or 1193G, plus one of 1003, 2603, and 2253G or 2293G; must include at least six semester hours of courses numbered 3000 and above.....18 sem. hrs.

PRE-ENGINEERING PROGRAM

(See also "Engineering B.S.")

This two-year program is administered by the Pre-Engineering Studies Committee. Students planning to enroll in pre-engineering are advised to include the following in their high school programs: mathematics--four or more units, including trigonometry; and Science--three or more units, including chemistry and physics. Students with deficient high school background should expect their graduation with an engineering degree to be delayed.

There are two pre-engineering options: general (appropriate for all except chemical engineering) and chemical. Students interested in the chemical engineering option should consult with the chairperson of the Pre-Engineering Studies Committee. The minimum general pre-engineering requirements are as follows:

Chemistry 1310G, 1315G, 1510, 1515	8 sem. hrs.
English 1001G, 1002G	6 sem. hrs.
Industrial Technology 1043	3 sem. hrs.
Mathematics (1440G or 1441G), 2310 ¹ , 2442, 2443, 3501	19-20 sem. hrs.
Physics 1000 ² , 1351G, 1352G, 1361, 1362, 1371, 1372, 2390, 2400, 3270.....	22 sem. hrs.
Humanities and Social Studies approved by Pre-Engineering Chairperson	6 sem. hrs.
TOTAL	65 sem. hrs.

¹Or an equivalent programming course in C or C++ having engineering applications.

²This course should be repeated each semester that a student attends Eastern. In the case of course conflicts with this course, a waiver should be obtained from the Chair of the Pre-Engineering Studies Committee.

PRE-LAW PROGRAM AND MINOR

To provide students with guidance in the selection of those courses which will enable them to complete a J.D. at an American Bar Association accredited law school, EIU offers a minor in Pre-Law Studies. This minor will provide students with the following: basic analytical skills, an introduction to the language of the law, and the written communication skills necessary for the study of law. This minor is administered by the Pre-Law Advisor and the Pre-Legal Studies Committee.

All students interested in a career in law should consult with the Pre-Law Advisor (217) 581-2523 (Coleman Hall 204) for information regarding law school admission requirements.

Students at Eastern are provided with a variety of on-campus services by the Pre-Law Advisor and the Pre-Legal Studies Committee, including information about all ABA-approved law schools, guest presentations by law school admissions officers and by persons who practice law, several scholarships for students who are admitted to law school, field trips to area law schools, Pre-Law Internships, a Pre-Law Club, the Law School Admission Test (administered on campus), a mock Law School Admission Test, LSAT Preparatory Course and advice from the Pre-Law Advisor concerning law school admissions strategies.

Minor in Pre-Law Studies

English 3001.....	3 sem. hrs.
Philosophy 1900G	3 sem. hrs.
History 2010	3 sem. hrs.
One of the following:	
Business 2750 or Journalism 4101	3 sem. hrs.
One of the following:	
Political Science 3513, 3523, 3543, 3903, 4774, 4853	3-4 sem. hrs.
Electives from:	
Economics 2801G, 4850, English 4760, History 3100, 4904, 4910, Philosophy 3070, Sociology 2750G, Speech Communication 2040, 2300, Political Science 1153G, 2603	6 sem. hrs.
TOTAL.....	21-22 sem. hrs.

Note: Courses satisfying the requirements for the Political Science major may not be used to simultaneously satisfy the requirements for this minor.

PRE-DENTISTRY PROGRAM

This program is administered by the Medical Professions Committee. The following two-year program meets the minimum course requirements for admission to most dental schools. Pre-dental students are urged to complete, however, at least three years of college work before applying for admission to dental school. It is recommended that the minimum program be enriched with electives in history, economics, philosophy, sociology, and a modern language. Suggested courses in the sciences include microbiology, genetics, and psychology. All applicants for dental school are required to take the dental admission test (D.A.T.) given by the American Dental Association.

English 1001G, 1002G	6 sem. hrs.
Speech Communication 1310G	3 sem. hrs.
Chemistry 1310G, 1315G, 1410, 1415, 2440, 2445, 2840	16 sem. hrs.
Physics (1151G, 1152G, 1161, 1162) or (1351G, 1352G, 1361, 1362)	8 sem. hrs.
Mathematics 1271	3 sem. hrs.
Biological Sciences 1100, 1300G; 2200 or 3620	11-12 sem. hrs.
Electives approved by advisor	12-13 sem. hrs.
TOTAL.....	60 sem. hrs.

PRE-MEDICINE INFORMATION

Since medical schools admit few, if any, students without a bachelor's degree, most students desiring the M.D. degree complete a bachelor's degree before entering medical school. Programs leading to the B.A. or the B.S. degree with a variety of majors are suitable although most students select a major in chemistry or biological sciences. When registering, such students should indicate their choice of degree and major. All students interested in a career in medicine should consult with the Chairperson, Medical Professions Committee, for information regarding medical school admission requirements.

Students should be prepared to take the Medical College Admissions Test (MCAT) during the spring semester of their junior year; the following requirements should be met by that time:

Chemistry (1310G, 1315G); (1410, 1415); 2440, 2445, 2840, 2845.....	16 sem. hrs.
Biological Sciences 1100, 1300G	8 sem. hrs.
Physics (115G, 1152G, 1161, 1162) or (1351G, 1352G, 1361, 1362).....	8 sem. hrs.
Electives, Biological Sciences 3200, 3520 recommended.....	8 sem. hrs.

PRE-NURSING, OPTOMETRY, PHARMACY, AND PHYSICAL THERAPY PROGRAMS

These programs are administered by the Medical Professions Committee. They are flexible programs designed for students who desire one or more years of college work to prepare for admission to health related professional schools. Detailed information is available in the office of the Chairperson, Medical Professions Committee.

PRE-VETERINARY MEDICINE PROGRAM

This program, administered by the Medical Professions Committee, is designed to prepare students for admission to many schools of veterinary medicine. This program does not fulfill requirements for a major, and students should plan to choose a major field, such as Biological Sciences, and complete other requirements for graduation in the event they are not accepted into a veterinary school prior to earning the baccalaureate degree.

English 1001G, 1002G	6 sem. hrs.
Chemistry 1310G, 1315G, 1410, 1415 2430, 2435, 3450.....	16 sem. hrs.
Physics (1151G, 1152G, 1161, 1162) or (1351G, 1352G, 1361, 1362).....	8 sem. hrs.
Biological Sciences 1100, 1300G, 3200.....	12 sem. hrs.
Electives, approved by the advisor	18 sem. hrs.
TOTAL	60 sem. hrs.

PSYCHOLOGY (B.A.)

Criteria for admission to the Psychology Major:

1. Completion of MAT 1271 (or equivalent) with a grade of C or better;
2. Completion of PSY 1879G (or equivalent) with a grade of C or better;
3. Completion of two Psychology courses from Groups A, B, C, or D in the current Psychology curriculum with grades of C or better.

Limits for undeclared majors: Undergraduates without a declared major will be limited to no more than 12 hours in psychology (psychology courses retaken for credit will not be counted toward this limit).

Major

Psychology 1879G, 2610, 2999	8 sem. hrs.
Psychology 3805	4 sem. hrs.
Math 1271 or satisfactory ACT math score	0-3 sem. hrs.
Group A: at least two from Psychology 3310, 3620, 3680, 3830	6 sem. hrs.
Group B: at least two from Psychology 3590, 3780, 3870	6 sem. hrs.
Group C: at least one from Psychology 3530, 3601, 3765	3 sem. hrs.
Group D: at least one from Psychology 3515, 3521, 3525	3 sem. hrs.
Electives: nine sem. hrs. from any Psychology courses except Psychology 4274 and 4275	9 sem. hrs.
TOTAL.....	39-42 sem. hrs.

(Major GPA based on all Psychology courses taken at EIU.)

A grade of C or better is required in all Psychology courses counting towards the major.

Honors Program for Psychology Majors with a 3.50 Cumulative GPA

Admission to the Departmental Honors Program in Psychology requires at least a 3.50 GPA on a 4.0 point scale and permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the Psychology Science Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors Students will meet core requirements for major.	
Psychology 3310, 3590, 3780, 3830, 3870, 4250, 4880.....	21 sem. hrs.
Psychology 3515 or 3521 or 3525.....	3 sem. hrs.
Psychology 4666 Honors Seminar (taken twice) [Psychology 4444 (Honors Independent Study) taken once may be substituted for Psychology 4666]	6 sem. hrs.
Psychology 4644 Honors Thesis.....	3 sem. hrs.
One graduate level course approved by the Departmental Honors Coordinator.....	3 sem. hrs.
[Psychology 4444 (Honors Independent Study) may be substituted for this requirement]	
Psychology 4444 can be taken for a total of no more than six hours. Minimum	
TOTAL.....	53-56 sem. hrs.

Minor in Psychology

Psychology 1879G	3 sem. hrs.
Electives in Psychology (excluding 3400) selected to meet the particular educational goals of individual students in consultation with a Psychology advisor. Must include at least nine hrs. of courses numbered 3000 or above	15 sem. hrs.
TOTAL	18 sem. hrs.

A grade of C or better is required in all Psychology courses counting towards the minor.

**SOCIOLOGY
(B.A.)**

Major

Sociology 2710G, 2721, 3520, 3610, 3620, 4250, 4900	21 sem. hrs.
Anthropology 2200G	3 sem. hrs.
Twenty-one semester hours of sociology electives (exclusive of 3970 and 4275) chosen in consultation with the student's advisor.....	21 sem. hrs.
TOTAL	45 sem. hrs.

(Major GPA based on Anthropology 2200G and all sociology courses taken at EIU.)

To be admitted to the sociology major, native students at Eastern must have at least 15 semester hours of credit with a CGPA of at least 2.0*; transfer students must have at least 15 hours of credit taken at Eastern with a CGPA of at least 2.0.* Once admitted, in order to be certified for graduation with a major in sociology, a student must achieve a CGPA of at least 2.0 in the core courses in the major used to satisfy graduation requirements.* Once admitted, in order to be certified for graduation with a minor in sociology, a student must achieve a CGPA of at least 2.0 in the core courses in the minor used to satisfy graduation requirements.*

*If the student believes there are extenuating circumstances relevant to the failure to meet this requirement, appeal to the Departmental Grade Appeals Committee is possible.

Minor in Sociology

Sociology 2710G, 2721, 3520, 3620.....	12 sem. hrs.
Electives in Sociology (exclusive of 4275 and 3970) selected in consultation with a Sociology advisor of the student's choosing	9 sem. hrs.
TOTAL	21 sem. hrs.

INTERDISCIPLINARY PROGRAMS

Minor in Adult Education

Educational Foundations 4750	3 sem. hrs.
Secondary Education 4751, 4850	7 sem. hrs.
Nine semester hours chosen from:	
Career and Organizational Studies 4800, 4810,	
Career and Technical Education 3000 or Family	
and Consumer Sciences 3300, Educational	
Guidance 4900, Educational Psychology 4770,	
Educational Administration 5420, Family and	
Consumer Sciences 4846, Leisure Studies 2250,	
4830, Psychology 3525, Middle Level Education	
4280, Information Services and Technology	
4870, Industrial Technology 1413,	
Educational Guidance 5100 (for eligible students)	9 sem. hrs.
TOTAL	19 sem. hrs.

Minor in Anthropology

Anthropology 2200G, 2742	6 sem. hrs.
Either A or B below	6-9 sem. hrs.
Electives from Anthropology 3602,	
3606, 3611, 3691, 3712, 4400	9-6 sem. hrs.
TOTAL	21 sem. hrs.

Group A: Cultural Anthropology

Six to nine semester hours from: English 3901, Geography 3650, History 3200, 3210, 3260, 3300, 3780, Spanish 4320¹.

Group B: Physical Anthropology and Archaeology

Six to nine semester hours from: Biological Sciences 2200², 2320, 3200, Geology 1300G, 1430, History 3510, 3780, Sociology 3610

¹Prerequisite: Three years of college Spanish or permission of the department chairperson.

²Prerequisite: Biological Sciences 1001G or 1100.

Minor in Business Administration

BUS 2101 Financial Accounting	3 sem. hrs.
BUS 3010 Management/Organizational Behavior	3 sem. hrs.
BUS 3470 Principles of Marketing	3 sem. hrs.
FIN 2710* Survey of Finance	3 sem. hrs.

*Students who have the prerequisites (BUS 2102, ECN 2802G, and junior standing) may substitute BUS 3710 for this course.

Plus nine (9) semester hours selected from:

BUS 1950 Computer Concepts and Applications for Business
BUS 2102 Managerial Accounting
BUS 2750 Legal and Social Environment of Business
BUS 2810 Business Statistics I
BUS 3500 Management Information Systems
BUS 3950 Operations Management
CIS 2000 Problem Solving With Visual BASIC
CIS 3500 Advanced Microcomputer Applications and Development
CIS 3510 Business Presentation and Document Design
MGT 3830 Managerial Communications
MAR 3720 Buyer Behavior
MAR 3875 Retail Management
MGT 3450 Human Resource Management
MGT 4310 Organizational Behavior

Minor in Health Communication

Health Studies 2000, 2250, 2270, 3750;
Speech Communication 2300, 2320, 2630, 4275;
Health Studies/Speech Communication 3910, 4910.....26 sem. hrs.
Elective courses (a minimum of 12 hours;
at least 6 hours from each group):

Group A:

Family and Consumer Sciences 3151, 4820;
Health Studies 2900, 3196, 3200, 3500,

3560, 3700, 3765, 3770, 4250, 4800, 4810,
4890; Recreation Administration 32506 sem. hrs.

Group B:

Journalism 3820; Philosophy 3010; Psychology 3530,
3870; Speech Communication 3230, 3300, 3630,
3660, 3710, 3920, 4470, 4760, 4860.....6 sem. hrs.
TOTAL **38 sem. hrs.**

Minor in Latin American Studies

Students who seek knowledge of Latin American affairs, culture, and language are invited to consult with the chairperson of the Latin American Studies Committee for assistance in selecting courses suited to their individual needs.

Spanish 2201G, 2202G	8 sem. hrs.
Four courses from the following, with no more than two courses from any one single department:	
GEG 3065, 3970, HIS 3255, 3260, 4850,	
FLS 3201, 3520, 4275*, 4320, 4400*, 4520, FLS 2500*,	
3970*, ENG 4850*, ANT 3602, ECN 4861*, 4875*,	
PLS 3383, 4400, 4933*, EIU 3970*	12 sem. hrs.
TOTAL	20 sem. hrs.

*Courses must be approved by the Committee for Latin American Studies for that semester.

Minor in Public Relations

Journalism 2101, 2901, 3302, Speech	
Communication 2300, 3500	13 sem. hrs.
Journalism/Speech Communication 4919, 4920	6 sem. hrs.
Journalism 4275 or Speech Communication 4275	1 sem. hr.
Nine semester hours chosen from:	
Journalism 3000, 3102, 4760, Speech	
Communication 2320, 3230, 3300, 3520,	
3540, 3610, 3620, Business 3010,	
Business 3470; Journalism 3001	9 sem. hrs.
TOTAL	29 sem. hrs.

Note: Advisement of Public Relations minors must be conducted only by the Journalism or Speech Communication Department Public Relations advisors. Electives must be selected in consultation with and the approval of the Speech Communication and Journalism Department Public Relations advisors. Final approval of the Public Relations minor must be received in writing from a Public Relations advisor and the Department Chair of the Journalism or Speech Communication Department prior to graduation certification

Minor in Women's Studies

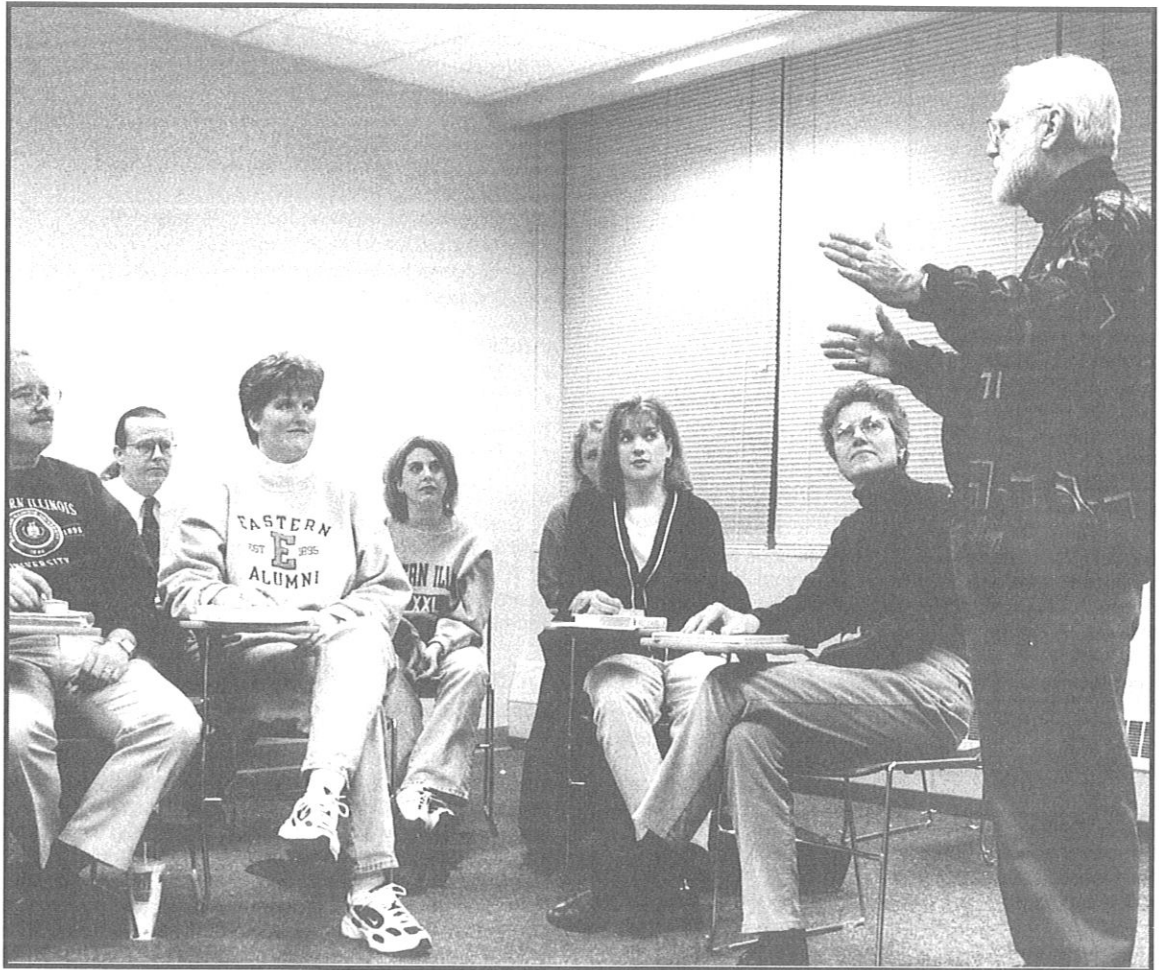
Recent scholarship has made it clear that full understanding of human behavior, culture, and society cannot be attained without investigating women's experiences. The Women's Studies minor is an 18-hour interdisciplinary program designed to offer students such an opportunity. It provides new ways of approaching conventional disciplines and opens up questions previously unexamined.

Our aim is two-fold: to stimulate and promote new scholarship in the area of Women's Studies and to encourage traditional departments to broaden fields of study to include women's issues. Attention paid to women's perspectives has altered our understanding of historical change, social, economic, and political life, and the arts and sciences. In addition, Women's Studies highlights the necessity of understanding important social divisions other than gender: those of race, economic status, sexual identity, and nationality. It provides key conceptual tools that women and men can use in educating themselves both in and out of college.

Courses listed below are offered on a regular basis; in addition, occasional special topics courses may be taken for credit toward the minor with permission of the Women's Studies Minor Chair. All Women's Studies Minor students are required to submit a writing portfolio in the final semester of their senior year to the Women's Studies Minor Chair. The portfolio must consist of one paper (worth at least 10% of the course grade) from each of the following classes: WST 2309, WST 4309, and one cross-listed Women's Studies course. Once the minor has been selected, students should contact the Women's Studies Minor Chair as soon as possible, as well as declare their minor in Enrollment Management, 116 Old Main.

Women's Studies 2309G, 4309	6 sem. hrs.
Electives from: Art 3685, Economics 3873, Educational Guidance 5200, English 3903, Family and Consumer Sciences 2831, History 3900, Health Studies 3560, Journalism 3903, Political Science 3903, Psychology 3720, EIU 4108, 4112, 4162; Sociology 3903, Speech Communication 3903, Women's Studies 3309, 4000, 4275	<u>12 sem. hrs.</u>
TOTAL	18 sem. hrs.

SCHOOL OF ADULT AND CONTINUING EDUCATION



Lifelong learning.

The School of Adult and Continuing Education at EIU is committed to providing high quality, on- and off-campus and credit and non-credit programming to the citizens of the State of Illinois. We offer a nontraditional degree program for adult students, the Board of Trustees Bachelor of Arts degree program. Credit classes are offered at area centers, including Danville Area Community College in Danville, the Millikin Graduate Center in Decatur, Olney Central College in Olney, Salem High School in Salem, Richland Community College in Decatur, Lake Land Community College in Mattoon and Effingham, and Parkland Community College in Champaign/Urbana. We provide a large number of contract-credit classes to a wide variety of constituents, both of a credit and non-credit nature, throughout the state of Illinois. Any requests for information should be forwarded to the Office of Off-Campus and Contract Credit Programs.

Admission Requirements

(See Section IV., Admission, Readmission, Enrollment, and Advisement.)

Students must meet the same criteria for admission to continuing education courses as is required for admission to on-campus courses.

Enrollment Procedures

Pre-enrollment in continuing education courses using touch-tone registration or the PAWS system is highly recommended. However, in a few cases, students may enroll up to the second class meeting, if space is available and approved by the appropriate academic department and the Director of Off-Campus and Contract Credit Programs. See the off-campus continuing education schedule for complete details.

Fees

All tuition and fees are based upon student classification and must be paid at the time of registration. Student costs are based upon the following:

TUITION (Per Semester Hour)	UNDERGRAD \$99.75	GRAD \$105.00
TEXTBOOK RENTAL (Per Semester Hour)	\$ 7.75	\$ 7.75

(Students should calculate tuition costs and textbook fees.)
NOTE: Students who are incorrectly assessed a lower fee for course work at the time of registration will receive a supplementary billing later in the semester.

Scholarships -- Waivers

Scholarships and fee waivers must be validated by the appropriate office prior to use in off-campus courses. Contact the Office of Continuing Education for information regarding waivers.

Tuition Assistance

Military personnel should process their tuition assistance forms through their respective agency in advance of the registration date. No registration can be accepted without completed assistance forms.

Classification of Students

Undergraduate students are classified as follows:

Freshmen.....	0-29 semester hours
Sophomores.....	30-59 semester hours
Juniors.....	60-89 semester hours
Seniors.....	90 and above semester hours

Graduate students are those students who have completed a bachelor's degree from a regionally accredited institution.

Schedule of Classes

The schedule of continuing education credit classes is printed and distributed each semester by the Office of Off-Campus and Contract

Credit Programs and is also available on our website at <http://www.eiu.edu/~adulded/schedule>.

Please address inquiries and requests for schedules to:
School of Adult and Continuing Education
206 Blair Hall
Eastern Illinois University
Charleston, IL 61920
or telephone (217)581-5114/fax (217)581-6697.
Web site: <http://www.eiu.edu/adulded>

Adult Degree Programs

Degree programs of particular interest to the adult nontraditional learner are Career and Organizational Studies, described in detail in Section VIII, and the Board of Trustees - Bachelor of Arts, detailed below:

**BOARD OF TRUSTEES
DEGREE PROGRAM (B.A.)**

The Board of Trustees degree program is an individualized, nontraditional program designed for working adults age 25 or older. A major is not required and skills and knowledge acquired by non-academic means can be evaluated for academic credit. The requirements for graduation are:

- 120 semester hours total
- 40 semester hours at the junior-senior level
- 15 semester hours taken from EIU
- 12 semester hours in social sciences
- 12 semester hours in humanities
- 12 semester hours in natural science and/or mathematics.
- 1 course in cultural diversity

In addition, students must:

- Meet the Constitution Requirement;
- Demonstrate writing competency;
- Maintain a minimum 2.00 cumulative grade-point average; and
- Complete the B.O.T. orientation course.

Notes:

1. Some restrictions may apply in regard to the number of one credit hour workshops which may be used toward the degree.
2. A student must be admitted to this program by the Director of the Board of Trustees B.A. degree program. No credit is awarded for a course grade of D after a student has been admitted to the program.

Conferences, Workshops, and Institutes

Conducting workshops, conferences and special programs of a non-credit and credit nature is part of the mission of the School of Adult and Continuing Education at EIU. Each year, the school plans, implements, and evaluates a wide variety of workshops, institutes, etc. Adult and Continuing Education Programs have professional staff members who will provide program-planning services and administrative and logistical support to offer seminars, short courses, workshops, conferences, and meetings of all sizes. If you are interested in non-credit programs, you should contact the Center for Continuing Professional Development, and if you are interested in credit programs, you should contact the Office of Off-Campus and Contract Credit Programs.

To facilitate offering workshops and courses for credit, the following numbers have been established for use by school or department:

Undergraduate numbers:

(Dept) 3985-3999	Special Course	(2-3 sh)
(Dept) 3985-3999	Workshop	(1 sh)

Graduate/Undergraduate numbers:

(Dept) 4985-4999	Special Course	(2-3 sh)
(Dept) 4985-4999	Workshop	(1 sh)

Note: A maximum of six semester hours may be earned in 4997, 4998, 4999 in any Specialist in Education program.

Contract-Credit Courses

The School of Adult and Continuing Education can develop special credit courses and workshops with educational and governmental agencies on a contractual basis. These special courses can be offered at locations convenient for the students involved. Please contact the Office of Off-Campus and Contract Credit Programs for details.

Credit for Continuing Education Courses

Credit will be given upon successful completion of continuing education courses subject to approved university policies. Students may audit courses with permission of the instructor and with payment of the appropriate fees. Credit received in EIU courses taught by EIU faculty, either on- or off-campus, will be counted as credit in residence.

Distance Learning Classes/Workshops

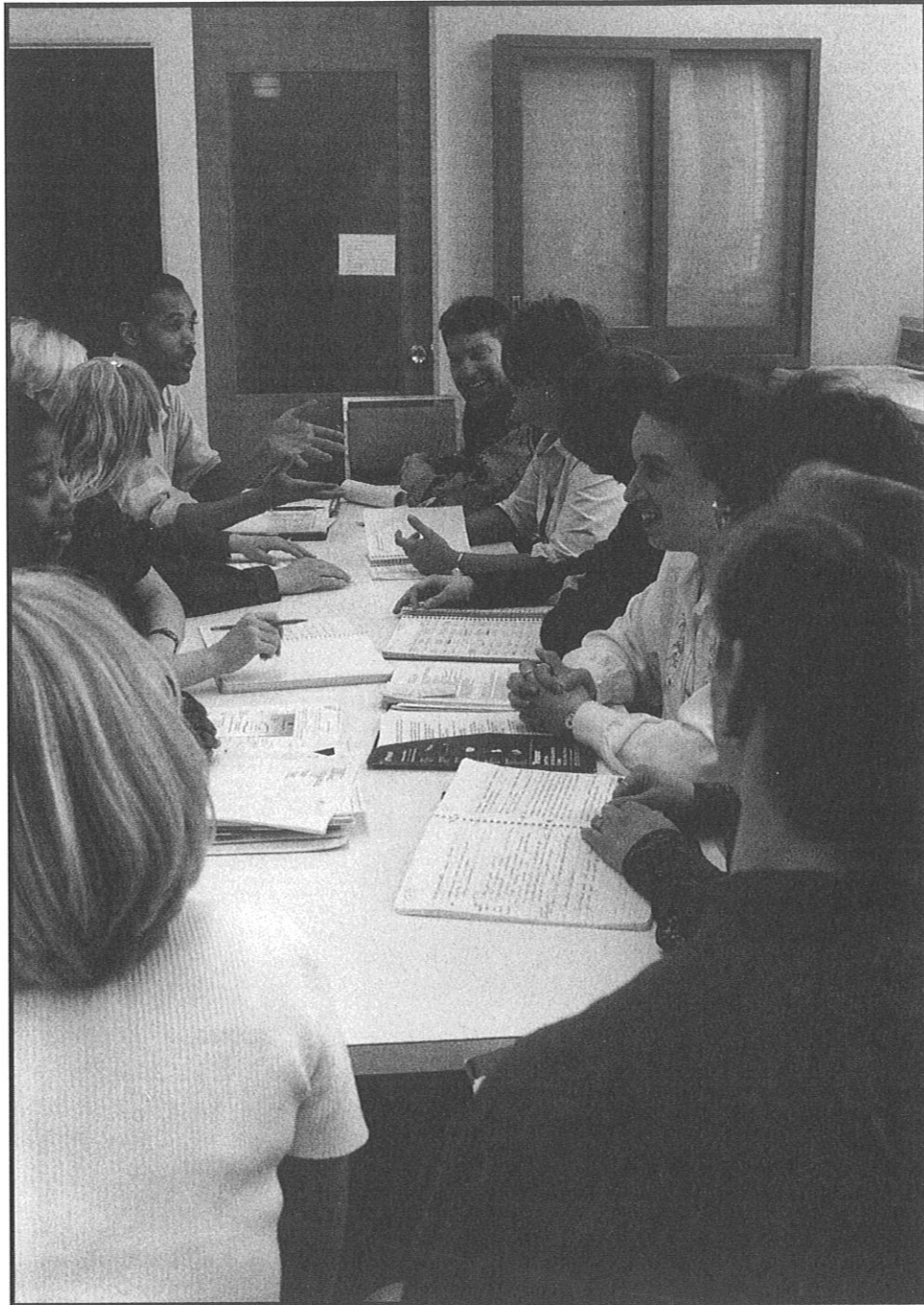
The School of Adult and Continuing Education is offering a growing number of classes/workshops via distance learning Internet modalities. For further information, please contact the Office of Off-Campus and Contract Credit Programs at (217) 581-5114.

**The Learning Center for
Non-Profit Organizations**

The Learning Center for Non-Profit Organizations at EIU is ready to work with nonprofit organizations, such as associations, governmental agencies, school districts, and churches, to meet your educational needs. We will work in cooperation with you and your committee to plan and execute your program. For further information please contact the Center for Continuing Professional Development at (217) 581-5116.

X

GRADUATE SCHOOL



Learning to listen.

Graduate School Regulations

Academic regulations differ for graduate students. Academic regulations as they pertain to graduate students and complete descriptions of graduate programs are available in the Graduate Catalog.

Requirements for Admission to The Graduate School

Admission to The Graduate School at EIU is the first stage of admission required for all of the following graduate degree, certificate, and post-baccalaureate options:

- Students seeking master's and specialist degree candidacy
- Students seeking provisional degree candidacy
- Students seeking graduate certificate programs
- Post-baccalaureate students seeking a second bachelor's degree
- Post-baccalaureate non-degree students seeking teacher certification
- Post-baccalaureate non-degree students seeking courses for licensure, professional development, personal goals, or certificate programs.

An application for admission to The Graduate School and the *Graduate Catalog* are available through The Graduate School Web Page at <http://www/eiu.edu/~graduate>, or by calling or writing The Graduate School, Eastern Illinois University, Charleston, IL, 61920, 217/581-2220.

Graduate Admission of International Applicants

International applicants may seek admission to graduate study as degree candidates or as candidates for a second bachelor's degree. The admission process requires that applicants submit a complete packet of admission materials to the Office of International Programs. A complete packet includes an international application, an application fee, an approved financial affidavit form, an official raised seal transcript, any required admission test scores, and documentation of English mastery. An application for international admission to the Graduate School may be obtained by calling or writing to the Office of International Programs, Eastern Illinois University, Charleston, IL, 61920, 217/581-2321 or by accessing information through the International Programs Web Page at <http://www/eiu.edu/~interntl/howto.html>.

Graduate Study Options for Seniors at EIU

Reserve Graduate Credit

An EIU senior may apply for permission to take graduate level courses numbered 4750 through 5499 for reserve graduate credit. Senior classification is defined as having completed at least 90 semester hours of undergraduate course work at the time of enrollment. Seniors must have earned a cumulative GPA of 2.75 or higher to qualify for reserve graduate credit. Permission from the instructor of the course(s) and the Graduate Dean is required. Applications for reserve graduate credit are available in The Graduate School and must be signed and on file in The Graduate School before the first day classes begin as published in the Class Schedule. Reserve graduate credit is limited to a maximum of 9 semester hours and cannot be used in any way for fulfilling the requirements for the undergraduate degree. Students enrolled in courses numbered 4750 through 4999 for reserve graduate credit are expected to meet the requirements for graduate credit. Undergraduates, regardless of classification or GPA, may not enroll in any graduate courses numbered 5500 or above. This requirement may not be waived or appealed.

Graduate Courses for Undergraduate Credit

An EIU senior may apply for permission to take graduate courses numbered 5000 through 5499 to apply toward an undergraduate degree. Senior classification is defined as having completed at least 90 semester hours of undergraduate course work at the time of

enrollment. Seniors must have earned a cumulative GPA of 2.75 or higher to qualify for enrollment in graduate courses. Permission from the instructor of the course(s) and the Graduate Dean is required. Applications granting permission to take graduate courses are available in The Graduate School and must be signed and on file in The Graduate School before the first day classes begin as published in the Class Schedule. Undergraduates, regardless of classification or GPA, may not enroll in any graduate course numbered 5500 or above. This requirement may not be waived or appealed.

Financial Aid

Graduate Assistantships

Graduate Assistantships are available in academic departments offering graduate programs. Applications and additional information are available through the Graduate School or through individual departmental offices.

Loans and Work Study

Perkins Loans and Work Study positions are available to students who qualify on the basis of financial need. Contact the Director of Financial Aid for more information. Information on the Guaranteed Loan Program is available through the lending institution.

Scholarships

Military scholarships and unused portions of Teachers Education Scholarships may be applied to graduate study. A variety of special awards, scholarships, and international student scholarships are also available for graduate study. Applicants should consult the *Graduate Catalog* for detailed information.

Graduate Degrees and Programs

COLLEGE OF ARTS & HUMANITIES

Master of Arts

Art	Music
English	Speech Communication
History	
Historical Administration Option	

COLLEGE OF EDUCATION & PROFESSIONAL STUDIES

Master of Science

- College Student Affairs
- Counseling
- Physical Education

Master of Science in Education

- Educational Administration
- Elementary Education
- Special Education

Specialist in Education

- Educational Administration

LUMPKIN COLLEGE OF BUSINESS & APPLIED SCIENCES

Master of Arts

- Gerontology

Master of Business Administration

Master of Science

- Family & Consumer Sciences
- Dietetics Option
- Technology
- Quality Systems (certificate)
- Certificate in Work Performance Improvement (certificate)

COLLEGE OF SCIENCES

Master of Science

Biological Sciences	Communication Disorders & Sciences
Chemistry	Natural Sciences

Master of Arts

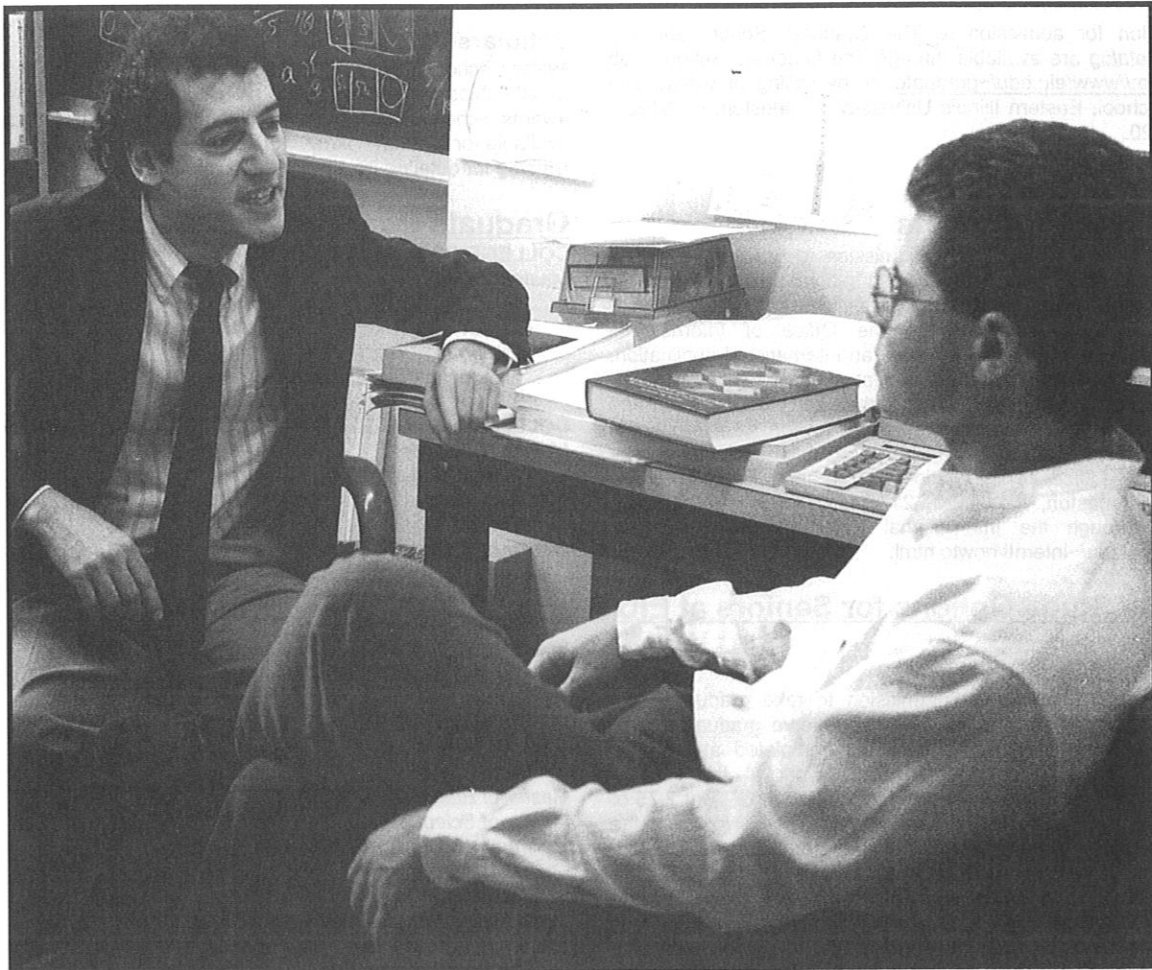
- Clinical Psychology
- Economics
- Mathematics
- Mathematics Education Option
- Political Science

Specialist

- School Psychology

XI

COURSE DESCRIPTIONS



Accessible teachers.

Course Information

Generally, courses numbered 1000-1999 are freshman courses; 2000-2999, sophomore courses; 3000-3999, junior courses; 4000-4999, senior courses; and 5000-6999, graduate courses. However, if prerequisites are met, students may enroll according to the following schedule:

CLASS	COURSES NUMBERED			
Freshman	1000	2000	a	a
Sophomore	1000	2000	3000	a
Junior	1000	2000	3000	4000
Senior	1000	2000	3000	4000/5000-5499b
Graduate		4750-4999		5000-6999

- a -- Courses numbered 3000-4999 in chemistry, foreign languages, mathematics, and military science may be taken by students who have prerequisites and permission of the department chairperson.
- b-- Courses numbered 5000-5499 may be taken by students who have a 2.75 GPA and permission of instructor and Dean of the Graduate School.

For more information see Section VI, "General Education."

Numbers in parentheses following the course title indicate the number of class hours per week, laboratory or studio hours per week, and credit hours. For example (3-0-3) indicates three hours of classroom work each week, no laboratory hours, and three semester hours credit. Students enrolled in courses whose meeting times are noted as "arranged" (Arr.) should contact the instructor by the beginning of the semester.

Prerequisites for courses are printed immediately following the course description. Prerequisites are predicated upon the assumption that students require certain knowledge and/or skills gained in one or more previous courses. Of particular concern in this regard are courses numbered 3000 or above, especially those required in majors and minors. Such courses often connect to a series of prerequisites, and, in many cases, only the highest ranking prerequisite in the series is listed with the course description. **Students must be aware that the listed prerequisite may itself have one or more prerequisites.** It is the student's responsibility to consult the catalog course descriptions to be sure that all prerequisites in a series have been met.

A student may not enroll in a course serving as a prerequisite for another course he or she has already completed. **(This rule does not apply to students who do not earn grades of C or better in ENG 1001G, ENG 1002G, and/or SPC 1310G or in accepted substitutions.)** A student may not enroll in a lower level course which substantially duplicates a higher level course already completed. Should a student violate this prescription, he/she may not receive credit for the course toward graduation.

Unless indicated as below, courses are offered every term. Offering times indicated are:

Su -- Summer Term S -- Spring Semester
F -- Fall Semester

The Illinois Articulation Initiative

Eastern Illinois University is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois General Education Core Curriculum between participating institutions. Completion of the transferable General Education Core Curriculum at any participating college or university in Illinois assures transferring students that lower-division general education requirements for an associate or bachelor's degree have been satisfied. This agreement is in effect for students entering an associate or baccalaureate degree-granting institution as first-time freshmen in summer 1998 (and thereafter). In the "Course Descriptions" section of this catalog, the following codes identify

qualifying general education courses: C (Communication), F (Fine Arts), M (Mathematics), P (Physical Sciences), H (Humanities), L (Life Sciences), S (Social/Behavioral Sciences). The following codes identify qualifying baccalaureate majors: Agriculture (AG), Art and Art Education (ART), Biological Sciences (BIO), Business (BUS), Chemistry (CHM), Clinical Lab Sciences (CLS), Computer Sciences (CS), Criminal Justice (CRJ), Early Childhood Education (ECE), Elementary Education (EED), Engineering (EGR), English (ENG), History (HIS), Manufacturing Technology (MTM), Mass Communication (MC), Mathematics (MTH), Music (MUS), Political Science (PLS), Psychology (PSY), Secondary Education (SED), Social Work (SW), Sociology (S), Special Education (SPE), Speech Communication (SPC), and Theatre Arts (TA). For more information, visit the IAI website: <http://www.itransfer.org/IAI/>.

ACCOUNTANCY

Undergraduate Courses

2200 ACC. Individual Income Tax. (3-0-3) F, S. An introduction to the basic concepts and procedures of Federal and State Income Tax as they pertain to the individual taxpayer and the small business enterprise. No credit for graduation if student has credit for ACC 4610 or its equivalent. Not open to students enrolled in a curriculum requiring ACC 4610.

3100 ACC. Accounting Information Systems. (3-0-3) F, S. Accounting systems concepts, design, information needs and flows. Special emphasis on internal controls. Includes coverage of sales/collections process, acquisition/payment process, general ledger architecture, data and database management systems, the changing nature of journals and ledgers, and the effects of information technology on organizations. Prerequisites: MAT 2110G and MAT 2120G with grades of C or better; admission to the accounting program or permission of the associate chair, School of Business. Students are strongly advised to take ACC 3100 and ACC 3200 concurrently.

3200 ACC. Financial Accounting Theory I. (3-0-3) F, S. A study of the theories that underlie the practice of accounting and financial reporting. Includes an historical perspective on the evolution of these theories. The process of establishing accounting principles, development of a framework for evaluation of present and potential new practices. Prerequisite: Admission to the accounting program or permission of the associate chair, School of Business. Students are strongly advised to take ACC 3100 and ACC 3200 concurrently.

3250 ACC. Financial Accounting Theory II. (3-0-3) F, S. This course is a continuation of ACC 3200. Investment, liabilities, and equities are examined. Complex problems in financial accounting, such as pensions, leases, earnings per share, and preparation of the Statement of Cash Flows are studied. Study of these accounting topics will include the use of a microcomputer accounting system. Prerequisites: BUS 3710, ACC 3200, each with grade of C or better; admission to the Accounting Program or permission of the Associate Chair.

3300 ACC. Management and Cost Accounting. (3-0-3) F, S. The role of management and cost accounting data in organizations will be explored. Course has in-depth coverage of cost accounting for financial reporting and managerial decision making. Includes job-order costing, process costing, activity-based costing, cost allocations, standard costing, and absorption and variable costing. Prerequisites: MAT 2110G, MAT 2120G, and ACC 3100, each with the grade of C or better; admission to accounting program or permission of the associate chair, School of Business.

3970 ACC. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4110 ACC. Special Topics in Accountancy. (3-0-3) On demand. Topics to be announced. May be repeated for different topics. Prerequisites: ACC 3250, 3300; admission to the Accounting Program or permission of the Associate Chair.

4275 ACC. Internship in Accounting. (Arr.-Arr.-1-12) (Credit/ No Credit) On-the-job experience in public, industrial or governmental accounting in an approved firm. Prerequisites: admission to the Accounting Program or permission of the Associate Chair and acceptance of the student by a business firm. Up to 12 hours of internship credit may be counted for graduation.

4300 ACC. Advanced Management and Cost Accounting. (3-0-3) F, S. The emphasis of the course is on the way management accounting data influence decisions within the organization. Course examines cost planning, cost control, decision making using accounting data, and performance evaluation. Topics include CVP analysis, relevant costing, the master budget, controlling discretionary costs, controlling inventory and production costs, capital budgeting, responsibility accounting and transfer pricing in decentralized organizations, measuring organizational performance and rewarding performance. Prerequisites: ACC 3100, ACC 3300, BUS 3950, BUS 3710, BUS 3010, BUS 3470, each with the grade of C or better; admission to the Accounting Program or permission of the Associate Chair.

4400 ACC. Federal Income Taxation I. (3-0-3) F, S. This is the first of two courses on federal income tax accounting under the latest amendments to the Internal Revenue Code. The course focuses on the income taxation of individuals and sole proprietorships. Topics include understanding federal tax law, determination of gross income, deductions, tax liability, and payment procedures. Prerequisites: ACC 3100, ACC 3200, and BUS 3710, each with the grade of C or better; admission to the Accounting Program or permission of the Associate Chair.

4500 ACC. Advanced Accounting Theory. (3-0-3) F, S. Financial accounting measurement, partnerships, international operations, not-for-profit entities, and accounting for business combinations. This course is designed to develop the student's knowledge of selected financial accounting topics and to give the student an understanding of the theory relating to them. Prerequisites: ACC 3100 and ACC 3250, each with the grade of C or better; admission to the Accounting Program or permission of the Associate Chair.

4550 ACC. Internal Auditing. (3-0-3) S. Theory and applications of the internal auditing appraisal function in assisting members of the organization in the effective discharge of their responsibilities. This course is designed for those students seeking a career in management accounting. Prerequisites: ACC 3100, ACC 3250 and ACC 3300, each with the grade of C or better; admission to the Accounting Program or permission of the Associate Chair.

4600 ACC. Auditing. (3-0-3) F, S. Theory and practice of the examination of financial statements for the purpose of establishing and expressing an opinion as to their reliability. Includes statistical sampling techniques and the auditor's legal liability. Prerequisites: ACC 3100, ACC 3250, and ACC 3300, each with the grade of C or better; admission to the Accounting Program or permission of the Associate Chair.

4740 ACC. Independent Study. (Arr.-Arr.-1-3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative grade-point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the associate chair, School of Business, prior to registration; admission to the Accounting Program or permission of the Associate Chair.

Courses Open to Juniors, Seniors, and Graduate Students

4750 ACC. Governmental and Not-for-Profit Accounting. (3-0-3) F. Special nature of accounting for state and local governments and not-for-profit entities. Topics include fund accounting characteristics, budgets, cost accounting systems, and financial statement analysis. Prerequisite: ACC 3200 with the grade of C or better; admission to the Accounting Program or permission of the Associate Chair.

4800 ACC. Federal Income Taxation II. (3-0-3) F, S. A continuation of ACC 4400, with emphasis on underlying principles and concepts in the federal income tax laws and the tax consequences of alternatives. Emphasis on corporation, partnership, and fiduciary tax problems. Property transactions and international transactions will also be examined. Tax research is included. If this course is taken for graduate credit, there will be additional requirements to complete this course. Prerequisite: ACC 4400 with the grade of C or better; admission to the Accounting Program or permission of the Associate Chair.

AFRICAN-AMERICAN STUDIES

Undergraduate Courses

1000 AFR. Introduction to African-American Studies. (3-0-3) F, S. This course is an orientation to the discipline and field of African-American Studies. It is an overview of the black individual's existence, struggles and accomplishments in Africa and its diaspora.

2000 AFR. Introduction to the African-American Experience. (3-0-3) F, S. Introduction to the study of African-Americans in U.S. society. A broad overview of the aspects of the black individual's existence in America with relationship to the arts and to the major social ideas and institutions. The effects of this relationship are investigated through relevant readings.

3000 AFR. Special Topics in African-American Studies. (3-0-3) On demand. Focused study of a topic, issue, or period not ordinarily treated in existing courses. Topics to be announced. May be taken more than once with permission of the Director of African-American Studies and the Dean of the College of Arts and Humanities but may be taken only once to satisfy major requirements. Prerequisite: English 1002G.

3100 AFR. African Aesthetics and Cosmology. (3-0-3) F. This course examines the interrelationship of the creative process with cultural and philosophical motifs, as well as the spiritual and the artistic amongst African people on the continent and diaspora. Prerequisite: English 1002G.

3200 AFR. African-American Identity. (3-0-3) S. This course examines the problem of identity crisis that African Americans encounter on a daily basis in America. Prerequisites: AFR 2000 and ENG 1002G.

3300 AFR. African Cinema. (3-0-3) F. This is a course which encounters and interprets traditions of Africa through its cinema. Prerequisite: ENG 1002G.

3970 AFR. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 AFR. Seminar on African-American Leadership. (3-0-3) S. This course examines the ideology, vision and agenda of those who have come to be known as leaders of the African-American populace. The course also examines their analysis of the African-American crisis as well as the solutions that they have advocated. Prerequisites: AFR 2000 and ENG 1002G.

4100 AFR. From Negritude to Afrocentricity and After. (3-0-3) S. This course examines the various forms of African/African-American thought and ideology that have arisen in the twentieth century, mostly due to the African encounter with the European. Prerequisites: AFR 2000 and ENG 1002G.

4275 AFR. Internship in African-American Studies. (Arr.-Arr.-1 to 15) (Credit/No Credit) A semester's experience as an intern in an agency or organization relevant to the student's curriculum. The total hours must not exceed 15 including courses taken in any other internship offered by the university. Prerequisites: Permission of the program's chairperson and the written acceptance of the student by the agency or organization involved.

4400 AFR. Independent Study. (Arr.-Arr.-1-3) Individual study of a topic of the student's choice under the direction of a faculty

member. This course may be repeated for a total of not more than three semester hours. Prerequisites: Consent of supervising faculty member and permission of the African-American Studies chairperson.

2705 ENG. African-American Literature. (3-0-3) F. The major writers of African-American literature, with emphasis on such writers as Douglass, Hurston, Hughes, Wright, Ellison, Baldwin, Baraka, Morrison, Walker, Wilson. Prerequisite: ENG 1002G.

4750 ENG. Studies in African-American Literature. (3-0-3) S. Study in depth of various genres, movements, periods, and major writers in African-American literature. Only one genre, movement, or period or only two or three major writers will be studied during any semester. Topics to be announced. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: ENG 1002G.

3250 HIS. African History. (3-0-3) On demand. A concentrated survey of African history from the archaeological evidence of humankind's African origins to the problems facing post-independence Africa with a primary focus on sub-Saharan Africa.

3750 HIS. African-American History. (3-0-3) F. A history of African-Americans from their African background to the present.

3951 JOU. Minorities and the Media. (3-0-3) S. A course devoted to the purpose, problems, and present status of the minority press in the United States, and to the treatment of minorities in the majority media. Students are encouraged to develop research interests and to present their discoveries through oral and written presentation. Prerequisite: ENG 1002G.

4700 PSY. Prejudice and Discrimination. (3-0-3) F. Study of the development, maintenance and prospects for reduction of prejudice and discrimination against minority groups. Minority is broadly defined to include groups based on race, ethnicity, gender, sexual orientation, age, etc. Prerequisite: PSY 1879G or SOC 2710G.

2840 SOC. Racial and Cultural Minorities. (3-0-3) S. The causes and consequences of prejudice and discrimination; the effects of majority and minority status for intergroup relations. Prerequisite: SOC 2710G.

3755G THA. Survey of African-American Theatre. (3-0-3) S. On demand. A lecture/discussion course that surveys African-American theatre forms; performance genres, practices, and dramatic literature. Material covered in the course will include African influences, related arts, and biographical information. Prerequisite: ENG 1002G.

ANTHROPOLOGY

Undergraduate Courses

2200G ANT. Introduction to Anthropology. (3-0-3) A comparative and scientific study of world cultures. Includes origins and development of human culture and the study of contemporary societies and their ways of life. **S1 900N**

2290G ANT. Introduction to Anthropology, Honors. (3-0-3) On demand. A comparative study of the development of world civilizations from the earliest peoples to modern global interdependence, with an emphasis on global themes and global interactions. Prerequisite: Admission to the University Honors Program.

2742 ANT. Introduction to Physical Anthropology and Archeology. (3-0-3) S. Study of the physical and cultural evolution of man, including the study of fossil man and variations in physical features of modern human populations; development of tools and technology; origins of agriculture and development of early civilizations. **S1 902**

3602 ANT. Peoples and Cultures of South America. (3-0-3) F-odd numbered years. Study of selected South American cultures;

their religions, mythologies, political and economic systems. Includes the pre-Columbian background of South American cultures and their status in the modern world.

3606 ANT. Magic and Religion in Preiterate Societies. (3-0-3) S. A world-wide survey of ideas and beliefs regarding supernatural beings and agents. Special attention will be given to totemism, ancestor worship, reverence for impersonal powers, witchcraft, sorcery, spirit possession and magic.

3611 ANT. Peoples and Cultures of Africa. (3-0-3) F. A study of the peoples and cultures of Africa, including a delineation of broad cultural areas. An in-depth description of selected societies and a cross-cultural comparison of certain institutions such as religions, political systems and family structures.

3691 ANT. Native American Cultures. (3-0-3) F. Study of the cultures of Native Americans, including the study of religious and ceremonial systems, political systems, patterns of warfare and adaptations to environments, and current status of North American Indians.

3712 ANT. Archaeology of Preiterate Civilizations. (3-0-3) S. Development of economic and political systems, religion, art, urbanism. Study of methods which archaeologists use to reconstruct complex cultures of the past.

3960 ANT. Special Topics in Anthropology. (Arr.-Arr.-1 to 4) On demand. On-campus and/or off-campus fieldwork on special areas or topics in anthropology. May be repeated for a maximum of six semester hours. Prerequisite: Approval of instructor.

3970 ANT. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4400 ANT. Independent Study. (Arr.-Arr. 1-3) Individual study of a topic of the student's choice under the direction of a faculty member. The student must submit and receive approval of a detailed study plan prior to central registration. This course may be repeated for a total of not more than six semester hours of credit. Prerequisites: Nine semester hours of anthropology and a cumulative GPA of 3.0 or better.

ART

Note: Studio courses meet for double periods. Discussions and critiques may be incorporated into the studio hours.

The Department of Art reserves the right to retain for exhibition purposes any student work produced in art classes for a period of one academic year after the year in which the work was produced.

All materials and art supplies which go into finished works of art are to be furnished by students. Courses in Art Education, Ceramics, Crafts, Design, Jewelry and Metalsmithing, Life Drawing, Painting, Printmaking, Sculpture, Graphic Design, Introduction to Art, and Weaving may charge a studio laboratory fee for use of materials and services.

Core Curriculum: The core curriculum is a prescribed program of study required of all art majors and is basic to all options. Courses in the core curriculum consist of Art 1000, 1110, 1111, 2601G and 2602G. In addition, ART 2050 and 2500 are required common courses in the Art Education, Graphic Design and Art Studio options.

Undergraduate Courses

1000 ART. Drawing I. (0-6-3) F, S. Foundation course for all areas of art. Instruction in basic drawing concepts, techniques, and media use. Prerequisite: Art majors, minors, or Special Education majors with art area or Middle Level Education curriculum with field II in art. **ART 904**

1110 ART. Design. (0-6-3) F, S. Foundation course for all areas of art. Developing awareness of concepts of two-dimensional form through creative studio work. Prerequisite: Open to freshmen, sophomores, and transfer students. **ART 907**

1111 ART. Three-Dimensional Design. (0-6-3) F, S. Foundation course for all areas of art. Developing awareness of space and concepts of form with analysis and application of tools and materials appropriate to three-dimensional projects. Prerequisite: Open to freshmen, sophomores, and transfer students. **ART 908**

2000 ART. Life Drawing. (0-6-3) F, S. Study of human form as a subject of graphic expression. Use of various media in figure drawing investigated. Prerequisite: ART 1000 and 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 906**

2012G ART. Nonwestern Fine Arts. (3-0-3) F, S. Fine Arts from outside the European and North American traditions will be examined. Credit will not be awarded for MUS 2012 or THA 2012G in addition to ART 2012G. **F2 903N**

2050 ART. Painting I. (0-6-3) F, S. Introduction to oil painting as a medium of expression, investigation of media usage, color development, variety of picture-making ideas and instruction in basic painting craftsmanship. Prerequisites: ART 1000, ART 1110 or ART 2310G, ART 2500 or permission of instructor and Middle Level Education curriculum with field II in art. ART 2500 may be taken concurrently with this course. **ART 911**

2100 ART. Sculpture I. (0-6-3) F, S. Introduction to the basic sculptural processes with an emphasis on studio safety, creativity, and the application of design principles. Prerequisite: ART 1111 and ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 913**

2250 ART. Ceramics I. (0-6-3) F, S. Introduction to various hand-building techniques, decorative methods, the firing process and the use of the potter's wheel. Prerequisite: ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 912**

2300 ART. African-American Art. (3-0-3) On demand. Contribution of the African-American people to the art of the western world. **F2 906D**

2310G ART. Introduction to Art. (1-4-3) F, S. An introductory study of the visual arts with the emphasis on developing student awareness and appreciation of aesthetics, design principles, concepts, media, and techniques that are primarily applicable to two-dimensional art forms. Not open to Art majors.

2330G ART. Art Appreciation. (3-0-3) F, S. An introduction to the appreciation of the visual arts. This course will examine important examples of visual art drawn from a wide variety of media and cultures. The focus will be on helping students understand and appreciate how visual art works are made and how they function and communicate within their societal contexts. Not open to Art majors. **F2 900**

2400 ART. Introduction to Art Education. (0-2-1) F. Introduction to the philosophical foundations of the field of Art Education and the various contexts within which art teaching functions. Ten (10) clock hours of pre-student teaching experience included. Prerequisite: Enrollment in the Art Education option.

2410 ART. Art Education for Elementary Schools. (0-2-1) F. Pre-student teaching experiences with children in elementary grades. Prerequisite: Acceptance into the program for art education majors, special education majors with art area, middle level education majors with field II in art, or permission of the instructor. (This course will be eliminated Fall 2002.)

2440 ART. Art for Teachers in the Elementary Grades. (2-2-2) F, S. A methods course in the philosophy of teaching art to children including the developmental stages of creative activity and appropriate media for each. Prerequisite: Art Education major or enrollment in Elementary Education, Middle Level Education, or Special Education.

2500 ART. Health and Safety in the Visual Arts. (1-0-1) F, S. An introduction to health and safety issues for the visual artist, art educator, and individuals utilizing art supplies, technologies, and/or processes. This course is required in the first semester of study as an art major or prior to taking any 2000-level or higher art studio media course.

2560 ART. Printmaking I. (0-6-3) F, S. Survey and exploration of methods of printmaking. Prerequisite: ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 914**

2601G ART. History of Art I. (3-0-3) F, S. Introduction to the history of visual art through the 14th century. Emphasis will be placed on learning how to correlate the historical context of cultures with the artwork. **F2 901; ART 901**

2602G ART. History of Art II. (3-0-3) F, S. Survey of the visual arts, early Renaissance to the present. The emphasis in this course is on the artwork as an expression of the ideas and values of the community which produced it. **F2 902; ART 902**

2691G ART. History of Art I, Honors. (3-0-3) On demand. Introduction to the history of visual art through the 14th century. Emphasis will be placed on learning how to correlate the historical context of cultures with the artwork. Prerequisite: Admission to the University Honors Program.

2692G ART. History of Art II, Honors. (3-0-3) On demand. A survey of the visual arts, early Renaissance to the present. The emphasis in this course is on the artwork as an expression of the ideas and values of the community which produced it. Prerequisite: Admission to the University Honors Program.

2700 ART. Introduction to Jewelry. (0-6-3) F, S. Fundamental techniques in the construction and decorative processes of jewelry creation with various metals. Prerequisite: ART 1110, 1111, 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 915**

2800 ART. Introduction to Weaving. (0-6-3) F, S. Development of various weaves using color and texture. Students will complete individual projects from dressing the loom to finishing techniques. Prerequisite: ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 916**

2910 ART. Introduction to Graphic Design. (0-6-3) F, S. Concept and communication development of black-and-white compositional studies and an introduction to color applications. Prerequisites: ART 1110, 1111, and 2500. ART 2500 may be taken concurrently with this course. **ART 918**

2920 ART. Graphic Abstractions. (0-6-3) F, S. Simplification of an object into black-and-white form and subsequent color translations.

3000 ART. Drawing III. (0-6-3) On demand. Study of advanced drawing concepts and techniques. Traditional and nontraditional media used towards the development of a personal style. Prerequisite: ART 2000. **ART 905**

3011 ART. Exhibition Techniques. (1-0-1) F, S. Organization and presentation of the portfolio and professional credentials. Prerequisite: ART 2500, except for art majors in the teacher certification option. A transfer student may take this course concurrently with ART 2500. Restricted to art majors.

3051 ART. Painting II. (0-6-3) F, S. Painting as a method of personal expression explored. Instruction in concepts and organization of two-dimensional forms as related to the individual student's investigation of painting. Prerequisite: ART 2050.

3052 ART. Painting III. (0-6-3) F, S. Continuation of ART 3051. Prerequisite: ART 3051.

3080 ART. Watercolor. (0-6-3) On demand. Painting course in transparent waterbase media; instruction in various technical methods of watercolor. Prerequisite: ART 2050, or Middle Level Education curriculum with field II in art. May be taken twice for credit.

3111 ART. Sculpture II. (0-6-3) F, S. Specific work in the replacement (casting) process focusing on the technical aspects of cast sculpture from conception to display, including welding, carving, modeling, fabrication, mold-making and mixed media with continued emphasis on creativity and application of design principles. Prerequisite: ART 2100.

3112 ART. Sculpture III. (0-6-3) F, S. Specific work in the additive (modeling/fabricating) and subtractive (carving/machining) sculptural processes with an emphasis on skill and technical development utilizing the individual's ideas and concepts. Prerequisite: ART 2100.

3200 ART. Digital Art I. (3-3-3) On demand. An introduction to the concepts, principles and techniques related to the use of computers and digital technology as a visual arts medium, and as a means toward creative self expression. Prerequisites: ART 2500, ART 1000 and ART 1110 (or equivalent) and permission of instructor.

3251 ART. Ceramics II. (0-6-3) F, S. Projects in hand building and/or throwing; study of glaze materials and glaze calculation. Prerequisite: ART 2250.

3252 ART. Ceramics III. (0-6-3) F, S. Continuation of ART 3251. Prerequisite: ART 3251.

3340G ART. Multicultural Aesthetics. (1-4-3) F, S. The study of cultural aesthetics through the comparison of art within different societies. Lecture, studio, and writing experiences will introduce students to the culturally significant meaning of different art forms. Not open to students whose major or minor is art.

3400 ART. Art Education for Elementary Schools. (2-3-3) F. A lecture, discussion, and pre-student teaching experience course designed to present art education students with concepts, procedures, and experiences used in teaching art activities to children at the elementary level. Students will accrue pre-clinical observation hours. Art 3400 must be taken concurrently with Art 3405. Required for Art Education majors and open to Middle Level Education majors with Field II in Art, and Special Education majors with art area. Prerequisites: Admission to Art Education Program, Teacher Education Program, and Art 2400. (This course becomes effective Fall 2002.)

3405 ART. Art Education for Elementary Schools Studio. (2-2-2) F. A studio-intensive course to acquaint art education students with appropriate materials, methods, and processes for elementary students. Must be taken concurrently with Art 3400. Required for Art Education majors, and open to Middle Level Education majors with Field II in art, and Special Education majors with art area. Prerequisites: Admission to Art Education Program, Teacher Education Program, and Art 2400. (This course becomes effective Fall 2002 and will replace ART 2440 in the Art major.)

3410 ART. Art Education for Secondary Schools. (2-3-3) S. Philosophy relating to teaching art in the junior/senior high school with studio and pre-student teaching experience. Required for and open only to Art Education majors, Middle Level Education majors with field II in art and Special Education majors with art area. Prerequisites: ART 2410 and 2440; EDP 3325 and SED 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3415 ART. Art Education for Secondary Schools Studio. (2-2-2) S. A lecture and studio-intensive course intended to acquaint art education students with secondary level art materials, methods, and processes. ART 3415 must be taken concurrently with ART 3410. Required for Art Education majors, and open to Middle Level

Education majors with Field II in art, and Special Education majors with art area. Prerequisites: ART 3400 and ART 3405. Admission to Art Education and Teacher Education Program. (This course becomes effective Spring 2003.)

3420 ART. New Media in the Art Curriculum. (0-6-3) S. Survey and exploration of the possibilities of newer media for the teaching of art in the public schools. Studio experiences with an emphasis on creative applications in the classroom. Prerequisite: ART 2410, 2440, 3410, or permission of the instructor.

3570 ART. Printmaking II. (0-6-3) F, S. Intensive exploration of methods of printmaking with emphasis on new approaches to personal expression. Prerequisite: ART 2560.

3610G ART. African Art. (3-0-3) F, S. Comprehensive study of the styles and functions of African Arts. Open to Art majors for elective FA credit only.

3630 ART. Greek and Roman Art. (3-0-3) S-odd-numbered years. Art of the Greek and Roman cultures, ca. 1500 B.C. to 300 A.D. Prerequisite: ART 2601G.

3641 ART. Early Medieval Art. (3-0-3) F-odd-numbered years. Survey of the visual arts in society from late antiquity through the tenth century in Western Europe. Prerequisite: ART 2601G.

3642 ART. Romanesque and Gothic Art. (3-0-3) S-even-numbered years. Survey of the visual arts in the societies of Western Europe, Byzantium and Islam from the eleventh to fifteenth centuries. Prerequisite: ART 2601G.

3651 ART. Italian Renaissance Art: Fifteenth Century. (3-0-3) F. Development of style and iconography in fifteenth-century Italian art. Prerequisite: ART 2602G.

3652 ART. Italian Renaissance Art: Sixteenth Century. (3-0-3) S-even-numbered years. Development of style and iconography in sixteenth-century Italian art: High Renaissance and Mannerism. Prerequisite: ART 2602G.

3660 ART. Baroque Art. (3-0-3) S-odd numbered years. Study of the Baroque style in Italy and Northern Europe. Prerequisite: ART 2602G.

3670 ART. Nineteenth-Century European Painting. (3-0-3) F-odd-numbered years. Leading artists, movements, and trends during the 19th century in the art of Western Europe and the United States, with emphasis on France. Prerequisite: ART 2602G.

3680 ART. Modern European Painting and Sculpture. (3-0-3) F-even-numbered years. Major artists, developments, and significant achievements in painting and sculpture, 1880-1947. Prerequisite: ART 2602G.

3681 ART. Contemporary Art, (3-0-3) F-even-numbered years. An investigation of the visual area since 1945. Focusing on new media, this course will evaluate the enormous range of artistic production from this period. Topics will include a consideration of representation, cross-cultural artworks, authorship, and popular culture.

3685 ART. Women in Art. (3-0-3) F-even-numbered years. A study and evaluation of the place of women in the history of art. The course will cover both the images of women conveyed in the art of various periods and the contributions of individual women artists from the Middle Ages to the present. The social conditions contributing to attitudes about women and to the success or failure of women in the professional role of artist will be emphasized. Prerequisite: ART 2601G or 2602G or 2330G or permission of the instructor.

3701 ART. Jewelry and Metalsmithing I. (0-6-3) F, S. Advanced problems in jewelry construction, developing the previously learned fundamentals in metal construction and introducing basic

silversmithing processes. Prerequisite: ART 2700 or permission of the instructor.

3702 ART. Jewelry and Metalsmithing II. (0-6-3) F, S. A continuation of ART 3701 with introduction to aluminum anodizing. Prerequisite: ART 3701 or permission of the instructor.

3801 ART. Weaving II. (0-6-3) F, S. Study of the theory of weaving. Experimentation and practice in design characteristics of weaves and materials. Prerequisite: ART 2800.

3802 ART. Weaving III. (0-6-3) F, S. Advanced study of theory of weaving with individual concentration in designing on the loom. Further mastery of the media is stressed. Prerequisite: ART 3801.

3820 ART. Textile Design. (0-6-3) On demand. Pattern design principles as they apply to historical and contemporary textiles. Studio experiences may include work in batik, block painting, crochet, macrame, stenciling, and stitchery.

3910 ART. Typography I. (0-6-3) F. An introduction to letterform design, including the analysis of existing classical typefaces and the development of new variations. Emphasis will be on observations of the salient issues regarding legibility and readability, form and counterform, and what qualities and attributes constitute a font and family of type. The observations from this research will then be applied to abstract symbol design. Prerequisites: ART 2920 and admission into the Graphic Design option.

3911 ART. Visualization Studies I. (0-6-3) F. An introduction to drawing of illustrations as visual symbols with an emphasis on communication development and the semantics of symbol juxtapositions. Prerequisites: ART 2920 and admission into the Graphic Design option.

3920 ART. Typography II. (0-6-3) S. An introduction to text and display type exercises. Emphasis will be on the development of typographic hierarchical structure within a given design problem. Prerequisites: ART 3910 and 3911.

3921 ART. Visualization Studies II. (0-6-3) S. An Introduction to the application of illustration and symbols to the interpretation and communication of complex data. Prerequisites: ART 3910 and 3911.

3940 ART. History of Graphic Design. (3-0-3) S. Development of Graphic Design as a pictorial poster from 1750 through 1980. Prerequisite: ART 2602.

3970 ART. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 ART. Advanced Life Drawing. (0-6-3) S. Continued study of the human form as a subject of graphic expression. Development of a personal style and mastery of various media and techniques. Prerequisites: ART 3000 or 2000 and the permission of the instructor. May be taken twice for credit.

4051 ART. Painting IV. (0-6-3) F, S. Advanced study of painting as development in personal expression through individual students' painting problems and investigations; professional craftsmanship stressed. Open to choice of medium. Prerequisite: ART 3052 or two semesters of ART 3080.

4052 ART. Painting V. (0-6-3) F, S. Continuation of ART 4051. Prerequisite: ART 4051.

4111 ART. Sculpture IV. (0-6-3) F, S. Advanced study in sculpture directed toward the mastery of a personal style with a concentration on one or a series of concepts. One sculptural process, technique, or material to be explored in depth. Prerequisite: ART 3111 and/or ART 3112.

4112 ART. Sculpture V. (0-6-3) F, S. Continuation of ART 4111 with increasing mastery of a personal style and sculptural processes. Prerequisite: ART 4111.

4251 ART. Ceramics IV. (0-6-3) F, S. Development of techniques and processes to a level of professional attainment; emphasis upon growth in area of student's interest. Prerequisite: ART 3252.

4252 ART. Ceramics V. (0-6-3) F, S. Continuation of ART 4251 with increasing depth of mastery. Prerequisite: ART 4251.

4275 ART. Internship. (Arr.-Arr.-1-15) (Credit/No Credit) An individually planned work experience in a business or agency appropriate to the student's area of specialization. Note: A maximum of six semester hours may be counted as art elective credit in the Art major. Prerequisites: Junior standing, appropriate course work, permission of the Art Department chair and internship supervisor, and acceptance of the student by a business or agency.

4400 ART. Independent Study. (Arr.-Arr.-1 to 3) Work in special problems selected to fulfill needs of the student. Prerequisites: Individual plan and permission of the instructor and the department chairperson, plus nine semester hours in the area of proposed study. May be taken for a maximum of six semester hours.

4580 ART. Printmaking III. (0-6-3) F, S. Individual selection of printmaking processes and problems. Prerequisite: ART 3570. May be taken three times for credit.

4701 ART. Advanced Metalsmithing I. (0-6-3) F, S. Problems in casting, chasing, and repousse. Introduction to "Dutch, English, and non-resistant" raising; forming of seamed hollowware; hot forging. Prerequisite: ART 3702 or permission of the instructor.

4702 ART. Advanced Metalsmithing II. (0-6-3) F, S. Continuation of ART 4701 with further mastery of techniques. Prerequisite: ART 4701 or permission of the instructor.

4740 ART. Issues in Art Education. (3-0-3) F. Study of the major theories and issues which have played important roles in shaping the character of contemporary art education. Prerequisites: ART 2410, 2440, 3410, or permission of the instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4755 ART. Special Topics in Art. (Arr.-Arr.-1 to 3) On demand. Study of special topics in Art and Art History that are not ordinarily covered in existing courses. Topics to be announced. May be repeated for credit on a different topic with permission of the department chair. Prerequisites: Junior standing and a minimum of five courses in Art with one being an Art History course or permission of the instructor.

4765 ART. Twentieth-Century American Painting and Sculpture. (3-0-3) F. A study of major American artists, movements, and tendencies that have developed since 1908. Prerequisite: Six semester hours of Art Survey (Ancient to Medieval, Gothic to Contemporary) or permission of instructor.

4775 ART. Seminar in Twentieth-Century Art History and Criticism. (3-0-3) S. A critical understanding and evaluation of art, art-historical literature, and contemporary criticism, with emphasis on critics, artists and art of the post-World War II period. Prerequisite: Six semester hours of Art Survey (Ancient to Medieval, Gothic to Contemporary) or permission of the instructor.

4800 ART. Advanced Weaving. (0-6-3) F, S. Advanced problems in weaving with particular emphasis on design using the Dobby and multi-harness looms and double weave techniques to perfect skills. Prerequisite: ART 3802.

4801 ART. Advanced Weaving II. (0-6-3) F, S. Advanced problems in weaving with particular emphasis on complex weaves. Prerequisite: ART 4800.

4802 ART. Advanced Weaving III. (0-6-3) F, S. Continuation of ART 4801 with further mastery of the subject matter and techniques. Prerequisite: ART 4801.

4910 ART. Typography III. (0-6-3) F. Advanced visualization studies investigating the application of visual communication concepts to problems involving sequential relationships. May be taken twice for credit for a maximum of six semester hours; only three semester hours may be accepted as graduate-level credit. Prerequisites: ART 3920 and 3921.

4911 ART. Visualization Studies III. (0-6-3) F. An introduction to the application of visual communication concepts to three-dimensional design issues. Prerequisites: ART 3920 and 3921.

4920 ART. Typography IV. (0-6-3) S. Advanced display and text studies investigating the application of visual communication concepts to problems involving design systems and corporate identity. May be taken twice for credit for a maximum of six semester hours; only three semester hours may be accepted as graduate-level credit. Prerequisites: ART 4910 and 4911.

4921 ART. Visualization Studies IV. (0-6-3) S. Advanced three-dimensional visualization studies investigating the application of visual communication concepts to environmental design problems. Prerequisites: ART 4910 and 4911.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

ARTS AND HUMANITIES

Undergraduate Course

3103 A/H. Humanities. (3-0-3) Su. Topics to be announced.

BIOLOGICAL SCIENCES

Undergraduate Course

1001G BIO. Biological Principles and Issues. (2-2-3) An introduction to the study of living organisms with emphasis upon an appreciation for their behavioral, functional, and structural adaptations, their diversity and relationship to the environment. In addition, strong emphasis on current issues dealing with the field of biology. Does not count toward the Biological Sciences major or minor. **L1 900L**

1002G BIO. Practical Botany. (1-2-2) This course will introduce students to the importance of plants in their daily lives. Emphasis will be placed on instructing students in methods for the identification, growth and maintenance of plants used in landscaping, gardening and the home. Does not count toward the Biological Sciences major or minor.

1003G BIO. Life of Animals. (2-2-3) An introduction to the study of animals and animal diversity with emphasis on behavioral, functional, and structural adaptations as they relate to specific habitats. Does not count toward the Biological Sciences major or minor.

1004G BIO. Practical Microbiology. (2-2-3) Using practical laboratory experiences students learn characteristics and activities of microorganisms with special emphasis on their significance to society. This course targets students majoring in Family and Consumer Sciences, Pre-Nursing, Biological Sciences with Teacher Certification, and Health Studies. It is not open to those with credit or registration in BIO 3300 and does not count in the Biological Sciences major or minor. **L1 903L**

1091G BIO. Biological Principles and Issues, Honors. (2-2-3) On demand. The study of the fundamental processes and structures common to all living things. Current issues in the biological sciences will be addressed. Prerequisite: Admission to the University Honors Program. Credit for BIO 1091G will not be

granted if the student already has credit for BIO 1001G or BIO 1100. **L1 900L**

1092G BIO. General Botany, Honors. (3-2-4) On demand. An introduction to the study of bacteria, fungi, algae, bryophytes and vascular plants and a discussion of their phylogenetic relationships. Prerequisite: Admission to the University Honors Program. **L1 901L**

1093G BIO. Life of Animals, Honors. (2-2-3) On demand. An introduction to the study of animals with an emphasis upon an appreciation for their behavioral, functional, and structural adaptations, their diversity and relationships to their environment. Prerequisite: Admission to the University Honors Program.

1100 BIO. General Biology. (3-3-4) An introduction to biology for students majoring in the Biological Sciences with emphasis on understanding the basic principles of biology from molecules to ecosystems. Credit not given for General Education. **L1 900L; BIO 913; CLS 914**

1200G BIO. General Botany. (3-3-4) An introduction to the study of bacteria, fungi, algae, bryophytes and vascular plants for students majoring in the biological sciences. Prerequisite: BIO 1100. **BIO 914**

1300G BIO. Animal Diversity. (3-2-4) F, S. A study of the functional anatomy, systematics and natural history of the major groups of animals. Prerequisite: BIO 1100. **CLS 916**

2001G BIO. Human Physiology. (3-2-4) An organ systems approach to the function of the human body. Does not count toward the Biological Sciences major or minor. **CLS 903**

2091G BIO. Human Physiology, Honors. (3-2-4) S. An organ systems approach to the function of the human body. Does not count towards the Biological Sciences major or minor. Prerequisite: Admission to the University Honors Program.

2200 BIO. Human Anatomy. (3-3-4) Models and cadaver study of normal human structure of muscular, skeletal, respiratory, cardiovascular, lymphatic, nervous, digestive, and urogenital systems. Prerequisite: BIO 1001G or 1100, BIO 2001G or equivalent recommended. **CLS 904**

2320 BIO. Economic Botany. (2-0-2) The origin, development, diversity, and horticultural uses of cultivated plants.

2322 BIO. Survey of Local Flora. (0-4-2) The identification of native and exotic flora with an emphasis on herbaceous and woody seed plants. Field trips are required.

3001G BIO. Heredity and Society. (2-0-2) A course for nonscience majors that addresses the ethical, political, and social implications of heredity and modern genetic technology. Basic genetic principles as well as contemporary issues in biotechnology will be studied.

3002G BIO. Environmental Life Science. (3-0-3) A study of the interrelationships of the living and non-living components of the environment, the ecology of humankind, and the interaction of humans with the environment. The course emphasizes current environmental issues and possible solutions and courses of action.

3091G BIO. Heredity and Society, Honors. (3-0-3) On demand. A course for nonscience majors that addresses the ethical, political, and social implications of heredity and modern genetic technology. Basic genetic principles as well as contemporary issues in biotechnology will be studied. Prerequisite: Admission to the University Honors Program.

3092G BIO. Environmental Life Science, Honors. (4-0-4) On demand. A study of the interrelationships of the living and non-living components of the environment, the ecology of humankind, and the interaction of humans with the environment. The course emphasizes

current environmental issues and possible solutions and courses of action. Prerequisite: Admission to the University Honors Program.

3100 BIO. Molecular and Cell Biology. (3-0-3) A study of biomolecules with emphasis on structural and functional contributions to the living state. Cell organelles and selected cell types will be included. Prerequisites: BIO 1100 and CHM 2430.

3101 BIO. Molecular and Cell Biology Laboratory. (0-3-1) F, S. Through experimentation, students will gain an introduction to many of the techniques utilized in the area of molecular and cell biology, including microscopy, electrophoresis, subcellular fractionation, isolation of cellular components, and tissue culture techniques. Prerequisite or corequisite: Prior completion or concurrent enrollment in Biological Science 3100.

3200 BIO. Genetics. (3-2-4) The fundamental principles of genetics (classical, molecular, and population) stressing applications to all organisms. Prerequisite: BIO 1100.

3210 BIO. Immunology. (2-3-3) S. Basic principles and laboratory procedures for the study of immune responses. Prerequisite: BIO 3100 or BIO 3200 or current enrollment.

3300 BIO. General Microbiology. (2-4-4) An introduction to the biology of prokaryotic and eukaryotic microorganisms. Emphasis is placed on bacteria and their chemical composition and structure, classification, growth, physiology, genetics, diversity, pathogenicity, ecology, and economic importance. The laboratory will include principles and techniques for the isolation, cultivation, enumeration, and characterization of microorganisms. Prerequisite: BIO 1100.

3312 BIO. Horticulture. (2-2-3) F. The principles and practices of indoor and outdoor home gardening with emphasis on practical applications of horticulture. Prerequisite: BIO 1200G.

3322 BIO. Dendrology. (2-3-3) S. The identification of common native, naturalized, and planted trees, shrubs, and vines of Illinois, their life histories, wood structure, ecology, and economic significance. The biotic divisions of Illinois and major forest regions of North America are also stressed. Prerequisite: BIO 1200G.

3400 BIO. Methods of Teaching Biological Sciences in High School. (2-2-3) F. A study of teaching techniques including the collection and use of materials for demonstrations and laboratory experiments. Thirty clock hours in pre-student teaching are required. Prerequisites: EDP 3325 and SED 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3450 BIO. Independent Study. (Arr.-Arr.-1-3) On demand. Individual study on a topic in biology selected by the student under the supervision of an instructor. Prerequisites: BIO 1100, 1200G, 1300G and permission of the department chairperson and instructor. May be repeated for credit to a maximum of three semester hours. This course is not intended for students who wish to complete a research project.

3451 BIO. Undergraduate Research. (Arr.-Arr.-1-3) On demand. Original research in Biological Sciences conducted in consultation with a faculty mentor. Students will conduct a research project using current scientific protocols. Hypothesis formation, bench work, data collection/analysis become the responsibility of each student. Written report required. May be repeated for credit to a maximum of three semester hours. Prerequisites: Sophomore standing and approval of instructor and the department chairperson.

3510 BIO. Plant Physiology. (2-4-4) The study of water relations, mineral nutrition, phytohormones, photosynthesis, respiration and physiological ecology. Prerequisites: BIO 1200G and one year of chemistry.

3520 BIO. Animal Physiology. (3-3-4) A study of basic principles of animal physiology with emphasis on mammalian organ systems. Prerequisites: BIO 1100 and CHM 1410 and 1415. Organic chemistry highly recommended.

3610 BIO. Survey of Algae and Fungi. (2-3-3) The morphology, systematics, ecological importance and evolutionary history of the algae and fungi. Prerequisite: BIO 1200G.

3612 BIO. Plant Morphology. (2-3-3) The morphology, anatomy, life cycles, and evolutionary history of plants, including bryophytes, ferns and fern allies, gymnosperms, and angiosperms. Prerequisite: BIO 1200G.

3614 BIO. Plant Anatomy. (2-2-3) S. A comprehensive study of the internal structure of vascular plants, focusing primarily on the anatomy of flowering plants. The course emphasizes plant development and structural-functional relationships. Prerequisite: BIO 1200G.

3620 BIO. Functional Comparative Anatomy. (2-4-4) A study of vertebrate anatomy, emphasizing the evolution of form and function of structures. Laboratory dissection of representative vertebrates. Prerequisite: BIO 1300G.

3622 BIO. Embryology. (2-4-4) Systematic examination of the mechanisms that underlie animal development from a single-cell to a multicellular organism. Morphological studies emphasize selected embryonic stages in echinoderms, amphibians, birds, and mammals. Prerequisite: BIO 1300G.

3624 BIO. Histology. (1-4-3) S. The structure and function of tissues, primarily human. Laboratory study is combined with discussion of normal tissue structures. Prerequisite: BIO 2200 recommended.

3700 BIO. Parasitology. (2-3-3) F. Means of identification, life histories, and methods of control of the more common animal parasites, including those of humans. Prerequisite: BIO 1300G.

3720 BIO. Entomology. (2-4-4) F. The morphology, classification, ecology and economic importance of insects. Methods of collection and specimen preparation are included. Prerequisite: BIO 1300G.

3800 BIO. Ecology. (3-3-4) The interrelationships of plants and animals with their biotic and abiotic environments. Emphasis will be placed upon principles of population and community ecology. Prerequisites: BIO 1200G and BIO 1300G.

3810 BIO. Freshwater Ecology. (1-4-3) The physical environment and biological communities involved in fresh water ecosystems. Prerequisites: BIO 1200G, 1300G, CHM 1310G, and 1315G.

3950 BIO. Vertebrate Natural History. (2-3-3) The natural history of vertebrates including distribution, reproduction, behavior, evolution, and phylogeny. Prerequisite: BIO 1300G.

3952 BIO. Invertebrate Natural History. (2-3-3) F. Natural history, including distribution and habitat utilization; reproduction, behavior, and life histories; identification, classification and evolution of terrestrial and aquatic invertebrates. Emphasis on major groups in the Midwest. Prerequisite: BIO 1300G.

3960 BIO. Special Topics. (Arr.-Arr.-1 to 4) On demand. Reading discussions, reports, on-campus and off-campus fieldwork on special areas or topics in Biological Sciences. May be repeated for a maximum of eight semester hours of credit with permission of the department chairperson. Prerequisite: BIO 1100, 1200G, 1300G and permission of the department chairperson and instructor.

4275 BIO. Internship. (Arr.-Arr.-12) (Credit/No Credit). Required for option in Environmental Biology. Employment experience in one or more phases of the Biological Sciences for one semester with an agency or firm approved by the environmental biology coordinator. A formal written report of the internship experience is required. Prerequisites: At least 90 semester hours of work in Biological Sciences program; completion of at least one advanced ecology course; minimum cumulative GPA or major GPA of 2.25; approval of environmental biology coordinator.

4400 BIO. Teaching in the Lab. (Arr.-Arr.-1) (Credit/No Credit). Experience assisting and supervising in a biological lab setting. Students work under the direction of the course instructor. May be repeated for credit if assisting in a different laboratory course, or in the same course if there are additional responsibilities, as certified by the department chairperson. Students may count no more than six hours toward the Biological Sciences major and no more than three hours toward the Biological Sciences minor in a combination of BIO 3450 and BIO 4400. Prerequisites: Completion of the course in which the student is assisting with a grade of B or higher and permission of the instructor.

4444 BIO. Honors Independent Study. (Arr.-Arr.-1 to 3). Consideration of special topics in Biological Sciences. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice for credit.

4555 BIO. Honors Research. (Arr.-Arr.-1-3) Original experimental or theoretical research in Biological Sciences conducted in consultation with a faculty mentor. Students will conduct a research project using current scientific protocols. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors coordinator. May be taken twice for credit up to six semester hours.

4644 BIO. Honors Thesis. (Arr.-Arr.-3) Original research in preparation of a thesis on a topic in Biological Sciences approved by faculty supervisor and the Departmental Honors Coordinator. Students in the Biological Sciences Honors Program must take at least 3 credit hours of thesis. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 BIO. Honors Seminar. (2-0-1) Areas of investigation which require integration of Biological Sciences and research will be addressed. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors coordinator. May be taken twice for credit.

Courses Open to Juniors, Seniors, and Graduate Students

4750 BIO. Biometrics. (2-2-3) F, S. Methods of quantitative analysis of biological data at the population level. Emphasis placed on practical applications of statistical analysis. Prerequisites: Eighteen semester hours biological sciences.

4751 BIO. Advanced Molecular Cell Biology. (3-0-3) F. A study of the molecular basis of intracellular processes, including gene regulation and expression; molecular biosyntheses and transport; cell motility and adhesion; cell cycle regulation; and intracellular signaling, using case studies from current scientific literature. Prerequisites: BIO 3100, 3101, and 3200.

4800 BIO. Research Techniques. (2-0-2) The principles of biological research, including review of the literature, bibliographic databases, and effective presentation of research results.

4810 BIO. Plant Ecology. (1-4-3) The application of investigative techniques to the study of the structure and successional patterns of plant communities. Prerequisite: Two years of Biological Sciences.

4812 BIO. Fisheries Ecology and Management. (2-3-3) S-even-numbered years. Relationships of fish with biotic and abiotic components of their environment. Role of fishes in aquatic ecosystems and current management strategies. Prerequisite: BIO 3800. BIO 4750 recommended.

4814 BIO. Conservation Biology. (3-0-3) F. Study of the application of ecological and genetic principles to the preservation and conservation of biological diversity. Topics will include the demography and genetics of small populations, population viability,

island biogeography, and the design of nature reserves. Prerequisites: BIO 3200 and 3800.

4816 BIO. Study of Biotic Communities. (2-Arr.-3) S-odd-numbered years or on demand. The study of selected biotic communities in Illinois and surrounding states. Prerequisites: Major in Biological Sciences; 12 semester hours in Biological Sciences including BIO 3800 or 4810; or permission of the instructor.

4818 BIO. Environmental Microbiology. (2-4-4) S-even-numbered years. An introduction to the principles, applications, and methodologies of environmental microbiology with emphasis on microbial interactions with animals and plants, on the microbiology of air, water, sewage, and soils, and on the role of microorganisms in biogeochemical cycling. The use of microorganisms in the bioremediation of environmental pollutants and in the recovery and enhancement of environmental resources will also be considered. Prerequisite: BIO 3300 or equivalent or permission of the instructor.

4820 BIO. Human Genetics. (3-0-3) S. Study of expression, transmission, and molecular manipulation of the human genome, with an emphasis on medical genetics. Prerequisites: BIO 3200 and CHM 2430.

4830 BIO. Comparative Vertebrate Physiology. (3-0-3) S. A comparison of physiological activities of vertebrates and adaptations to their natural environment. Prerequisites: BIO 3520 and CHM 2430; CHM 3450 recommended.

4832 BIO. Animal Behavior. (3-3-4) F. Theoretical and experimental studies of the principles of animal behavior. Prerequisite: Sixteen semester hours of Biological Sciences or permission of the instructor.

4834 BIO. Neurobiology. (3-0-3) F. A study of the structure and function of neurons, the principal cells of the nervous system, at the molecular and cellular level. This course will emphasize neurobiological aspects of learning, memory, and behavior. Prerequisite: BIO 3100 or permission of the instructor.

4836 BIO. Pathogenic Microbiology. (2-4-4) S-odd-numbered years. An introduction to the role and activities of pathogenic microorganisms in the diseases of humans, animals, and plants with emphasis on the history, classification, morphology, nutrition and growth, metabolism, genetics, and virulence factors of disease-causing prokaryotes as well as the epidemiology, diagnosis, treatment, and prevention of the diseases they cause. The laboratory will emphasize clinical techniques required for the isolation, cultivation, and identification of pathogenic microorganisms. Prerequisite: BIO 3300 or equivalent or permission of the instructor.

4892 BIO. Introduction to Paleobotany. (3-2-4) S-odd-numbered years. Introduction to the origin and theories of evolution, diversification, radiation, and paleogeography of plants through time, with special reference to vascular plants. Field work. Prerequisites: GEL 1430 and BIO 3612 or permission of instructor. Credit not granted for both GEL 4892 and BIO 4892.

4940 BIO. Phycology. (2-3-3) F. Introduction to algal biology; emphasis is placed on freshwater algae including the study of classification, life-history, physiology, ecology, and evolution. Prerequisite: BIO 3610.

4942 BIO. Mycology. (2-3-3) S. Survey of the fungi; specifically the characteristics and phylogenetic relationships of the major groups of fungi, their structure, growth and development, physiology, reproduction and dispersal, genetics, ecological role and economic importance. Prerequisite: BIO 3610 or permission of the instructor.

4944 BIO. Lichens. (2-3-3) S. Systematic survey of the lichens, including their physiology, growth and development, reproduction, ecology, economic importance, and classification. Field trips required. Prerequisites: BIO 1200G and 3610.

4946 BIO. Bryology. (1-4-3) F. The structure, identification, life-history, and importance of the mosses and liverworts. Fall field trip is required. Prerequisite: BIO 1200G.

4948 BIO. Plant Taxonomy. (1-4-3) F. The classification and characteristics of the common families of flowering plants. Prerequisite: BIO 1200G.

4950 BIO. Ichthyology. (2-3-3) F-odd-numbered years. Study of the anatomy, physiology, systematics and zoogeography of fishes. Prerequisite: BIO 3950 or permission of the instructor.

4952 BIO. Herpetology. (2-2-3) S. Phylogeny, adaptations, ecology, distribution and identification of amphibians and reptiles. Prerequisite: BIO 3950 or permission of the instructor.

4954 BIO. Ornithology. (2-3-3) S. The identification, classification, distribution, and natural history of midwestern birds. Prerequisite: BIO 3950 or permission of the instructor.

4956 BIO. Mammalogy. (2-2-3) F. A study of mammals with emphasis on classification, distribution, natural history and ecology. Prerequisites: BIO 1300G and BIO 3800.

4960 BIO. Plant Pathology. (1-4-3) F. The basic principles of plant disease with emphasis on symptoms, causal agents, and control. Prerequisite: BIO 3610

4962 BIO. Plant Breeding. (3-0-3) F. Introduction to the basic principles and practices of plant breeding and methods for germplasm conservation. Emphasis is placed on both traditional and biotechnological approaches. Prerequisite: BIO 3200.

4984 BIO. Organic Evolution. (3-0-3) S. Fundamental principles of organic evolution stressing historical fact, evidences for and processes common to all biota. Prerequisites: BIO 1200G, 1300G, and 3200.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

BUSINESS

Undergraduate Courses

1000 BUS. Introductory Business Seminar. (1-0-1) F, S. An exploration of the relationship between business and society. An introduction to business environments, types, functions, and operations. An examination of business academic disciplines and career opportunities.

1950 BUS. Computer Concepts and Applications for Business. (3-0-3) A study of computer concepts, including the information processing cycle, file organization, telecommunications, and operating systems and systems software. Applications software, including spreadsheets, databases, word processing, presentation graphics, computer communications, and operating systems with graphical user interfaces. Prerequisite: MAT 1270 or equivalent. **BUS 902**

2101 BUS. Financial Accounting. (3-0-3) F, S. A study of the principles and procedures used to prepare and communicate financial information to the firm's managers and to external parties. Topics include the accounting principles, processes, and data systems used by service/manufacturing firms in the preparation, use and interpretation of financial statements. Prerequisites: Completion of 30 semester hours and BUS 1950 or its equivalent. **BUS 903**

2102 BUS. Managerial Accounting. (3-0-3) F, S. The course examines the use of accounting information for decision making by

managers of business organizations. Topics include cost terminology, product costing, quality management, profit planning, control of operations, segment reporting profitability analysis, and relevant costs for decision making. Prerequisite: BUS 2101 with a grade of C or better. **BUS 904**

2275 BUS. Internship in Business. (3-0-3) (Credit/No Credit) An approved employment experience in an appropriate organization. Prerequisites: Pre-business major, sophomore standing, the approval of the intern coordinator and acceptance of student by a business firm.

2750 BUS. Legal and Social Environment of Business. (3-0-3) A study of the legal and social environment in which businesses operate, including structure and operation of legal institutions, development of common law and legislation, ethics and social responsibility, government regulation of business, contracts, and the international legal environment. Prerequisite: Completion of 30 semester hours or more. **BUS 913**

2810 BUS. Business Statistics I. (3-0-3) Provides a working knowledge of descriptive statistics, probability distributions, hypothesis testing and simple correlation and regression. Includes the application of computer software to these techniques. Prerequisite: Sophomore standing. **BUS 901**

3010 BUS. Management and Organizational Behavior. (3-0-3) Organization fundamentals: objectives, functions, structure and operational procedure, interpersonal relationships, control and motivation systems, and communications. Prerequisite: Junior standing.

3470 BUS. Principles of Marketing. (3-0-3) Marketing concepts including the analysis of the marketing environment and the strategic variables of product, price, distribution, and promotion. Prerequisite: Junior standing.

3500 BUS. Management Information Systems. (3-0-3) An introduction to MIS by management level and functional area. Among the topics are: types of information systems, approaches to systems development, and security. Prepackaged software will be used in case problem solving and simulation situations. Prerequisite: BUS 1950 and junior standing. Not open to Computer Information Systems majors.

3710 BUS. Business Financial Management. (3-0-3) A practical framework for corporate financial decision-making. Topics include: acquisition, allocation, and management of funds and asset valuation methods. Prerequisites: BUS 2102, ECN 2802G, and junior standing.

3950 BUS. Operations Management. (3-0-3) Management of manufacturing and service organizations. Topics include decision making, forecasting, product and service design, location planning, process selection and capacity planning, layout, inventory management (IM), Just-in-time systems (JIT), material requirements planning (MRP), scheduling, project management and quality. Includes application of computer software solution techniques. Prerequisites: BUS 2810 and BUS 3010.

4275 BUS. Internship in Business, Honors. (3-0-3) Prerequisites: Admission to Business Honors Program, approval of the Business Programs Internship Coordinator and business Honors Coordinator. An approved employment experience in an appropriate organization. Prerequisite: Admission to the School of Business or permission of the Associate Chair.

4360 BUS. Strategy and Policy. (3-0-3) A comprehensive analysis of strategic management processes in organizations. This is the capstone course which requires expertise from the functional areas to develop broad concepts, theories and techniques to develop socially responsible strategies and policies in a global environment. Prerequisites: BUS 1950, 2101, 2102, 2150, 2750, 2810, 3010, 3470, 3500, 3710, 3950, senior standing and admission to the School of Business or permission of the Associate Chair. (Note:

Computer Management majors are not required to take BUS 3500, and accounting majors take ACC 3100 instead of BUS 3500.

4555 BUS. Honors Research. (3-0-3) F. In consultation with an honors faculty member, the student designs an individual research project, gathers and analyzes the data, and reports the results in written form. Prerequisites: Permission of the Director of Honors Programs, the Departmental Honors Coordinator, and admission to the School of Business or permission of the Associate Chair.

CAREER AND ORGANIZATIONAL STUDIES

Undergraduate Courses

1000 COS. Portfolio Development. (1-0-1) (Credit/No Credit. Does not count toward graduation. Does not count in the cumulative GPA). Students receive instruction and practice in identifying and preparing written description of college-level workplace learning. Students learn to use portfolio guidelines and other reference materials. Structured learning experiences introduce students to processes used to develop portfolios. Prerequisites: Admission to the Career and Organizational Studies Major and three semester hours of Occupation Education course work or concurrent enrollment in a Career and Organizational Studies course.

3200 COS. Occupational Experience. (Up to 30 sem. hrs.) Credit for documented experience in a teachable occupation or cluster of occupations. This is the designation for occupational credit earned or awarded for occupational proficiency.

3300 COS. Occupational Subjects. (Up to 20 sem. hrs.) Credit is evaluated for occupational study in accredited and selected other programs such as technical institutes, occupational programs in junior colleges, proprietary schools, military technical schools, USAFI, Service Schools, and other Armed Services courses.

3500 COS. Supervision. (3-0-3) S. The study of the theories, principles, and practices of supervision in occupational settings in the public and private sectors. Emphasis is placed on the nature and implementation of contextual supervision, leadership and motivating work environments. Prerequisite: COS 3200 or consent of the instructor.

4275 COS. Occupational Internship. (Arr.-Arr.-1-15 sem hrs.) (Credit/No Credit) Experience includes job skills and knowledge, management-worker relations, supervised instruction conferences and evaluations. One semester hour a semester, up to a maximum of 15 semester hours, will be awarded for directed work experience internships.

4300 COS. Special Study in Occupational Education. (Arr.-Arr.-3) Provides opportunity for in-depth study of selected problems in occupational education for which there is not an established course. May be taken for credit only once. Prerequisites: Prior approval by the Director and assignment of an appropriate instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4800 COS. Strategies and Processes of Teaching and Training. (3-0-3) Application of strategies of teaching and training, presentation skills, lesson planning, and instructional technologies such as experiential learning, problem solving, simulation, computerized instruction, and lecturettes for vocational teachers and human resource development trainers.

4810 COS. Principles of Career Development. (3-0-3) The nature, purpose, and philosophy of career education as it relates to the career development of individuals. Includes an overview of various levels of career development and the contributions various career development theories make to a total program of career development. Contemporary problems and issues in career development.

4820 COS. Sociotechnical Design. (3-0-3) F. A study, from the worker's perspective, of how technology affects social processes in occupational environments; human resource development; sociotechnical and open system theories; diagnosing occupational systems; change strategies; and the worker's adaptation of occupational settings to changing environmental demands. Prerequisite: Three semester hours in psychology, sociology or management, or permission of the program coordinator.

4830 COS. Occupational Perspectives: Past, Present and Future. (3-0-3) F. The study of the nature of careers and occupations from varying perspectives including historical, philosophical, technological, political, economic, psychological and others, together with prospects and directions for the future. Prerequisite: Six semester hours of education, sociology and/or history, or permission of the program coordinator.

4840 COS. Training Program Development. (3-0-3) S. In-depth study of the establishment and operation of training programs of human resource development in the public or private sectors with emphasis on needs assessment, program design, proposal preparation, staffing, fiscal budgeting and monitoring, fiscal justification, program evaluation, impact assessment, and applied legalities. Prerequisites: Career and Organizational Studies 4800 plus six semester hours in other Career and Organizational Studies courses.

4850 COS. Special Topics in Occupational Development. (1-0-1) or (2-0-2) or (3-0-3). A study of special topics regarding: instructional systems design and development; emerging audio-visual technology such as interactive laser video, "distance" learning; advancing andragogical foundations of experiential learning, critical thinking and small group learning; human resource development; and other specialized topics as they emerge. Prerequisite: Six semester hours in Career and Organizational Studies courses.

For graduate courses, see the *Graduate Catalog*.

CAREER AND TECHNICAL EDUCATION

Undergraduate Courses

1420 CTE. Survey of Business Principles. (3-0-3) F, S. An introduction to the contemporary world of business. Not open to junior and senior B.S. in Business majors. **BUS 911**

2000 CTE. Inquiry Into Teaching Career and Technical Education. (2-0-2) F, S. A classroom and field introduction to career and technical education teaching, including the role of the teacher; moral, ethical, and legal expectations; social and political context of schools and communities; business and industry trends that affect the discipline; and national and state school-to work initiatives. Prerequisite: Thirty hours of completed course work.

3000 CTE. Consumers in the Marketplace. (3-0-3) F, S. Factors affecting personal and family financial management, including investments and savings, use of credit, insurance and taxes. Credit will not be granted for both CTE 3000 and FCS 3300.

3100 CTE. Instructional Technology in Career and Technical Education. (3-0-3) The selection and use of appropriate technology needed in career and technical education for school and work environments.

3400 CTE. Methods of Teaching Career and Technical Education. (3-0-3) F, S. This course covers methods of planning, instructional design, learning (including high-order, critical thinking skills), classroom management, recognizing the individual, and media and other instructional materials. Prerequisites: CTE 2000 and SED 3330. Co-requisite: A two-hour seminar course in the student's discipline (CTE 3401 and/or 3402, CTE 3403, CTE 3404). These courses are to be taken the semester prior to student teaching.

3401 CTE. Seminar in Teaching Keyboarding and Computer Applications. (2-0-2) F, S. A seminar to discuss professionalism,

curriculum, resources, and legislation as it relates to teaching keyboarding and computer applications. Co-requisite: CTE 3400.

3402 CTE. Seminar in Teaching Basic Business and Accounting. (2-0-2) F, S. A seminar to discuss teaching methods, content, textbooks, teaching materials, and visual aids in basic business and accounting. Co-requisite: CTE 3400.

3403 CTE. Seminar in Teaching Family and Consumer Sciences. (2-0-2) F, S. A seminar to discuss professionalism, curriculum, resources, and legislation as they relate to teaching Family and Consumer Sciences. Co-requisite: CTE 3400.

3404 CTE. Seminar in Teaching Technology. (2-0-2) F, S. A seminar to discuss professionalism, curriculum, resources, and legislation as it relates to technology. Co-requisite: CTE 3400.

Courses Open to Juniors, Seniors, and Graduate Students

4913 CTE. Organization and Administration of Cooperative Occupational Education. (3-0-3) F. Introduction to cooperative education programs, program needs, resources, constraints, public relations, and policy development are analyzed.

4923 CTE. Coordination Techniques for Cooperative Occupational Education. (3-0-3) S. Methods and techniques for preparation of teacher coordinators. Student selection, training agreements, training plans, legal requirements, related class management, individualized instruction, and program evaluation are emphasized.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

CHEMISTRY

Chemistry 1040G is a one-semester course covering topics of contemporary interest for the non-science oriented student. It is particularly appropriate for use in the Scientific Awareness General Education requirement.

For most other students, Chemistry 1310G (lecture) and 1315G (laboratory) are taken the first semester. Students who have had no high school chemistry should complete Chemistry 1040G prior to enrolling in Chemistry 1310G/1315G.

For the second semester, Chemistry 1410 (lecture) and 1415 (laboratory) are offered for those whose interest is in the biological sciences and the various pre-professional programs in the biologically related fields. Chemistry 1510 (lecture) and 1515 (laboratory) are offered for those whose interest is in the physical sciences, mathematics and pre-engineering.

The following sequences are acceptable for credit toward graduation: Chemistry 1310G and 1315G, 1410 and 1415; 1310G and 1315G, 1510 and 1515.

Note: Students in laboratory courses will be assessed a course fee for consumable materials. Students in these courses are also required to purchase a pair of the goggles designated for use in chemistry laboratories from the union bookstore.

Undergraduate Courses

1040G CHM. The World of Chemistry. (3-2-4) An introduction to chemicals, chemical processes and chemical theories with an emphasis on how chemistry is used to explain and shape our world and condition. No credit toward the major or minor in chemistry, nor

for a student who has credit in a previous laboratory-based course in college-level chemistry. **P1 903L**

1310G CHM. General Chemistry I. (3-0-3) An introduction to fundamental chemical principles and related phenomena. Topics include: atomic and electronic structure, bonding, chemical composition, chemical reactions, gases, stoichiometry, and thermochemistry. CHM 1315G must be taken concurrently. Prerequisite: One year of high school chemistry or credit in CHM 1040G with a grade of C or better. Not recommended for those whose ACT mathematics score is less than 21 without prior completion of or concurrent enrollment in MAT 1271. **P1 902; EGR 961; BIO 906; CLS 906**

1315G CHM. General Chemistry Laboratory I. (0-3-1) Experimental work illustrating chemical principles and concepts described in the companion lecture course. Must be taken concurrently with CHM 1310G. **P1 902L; EGR 961; BIO 906; CLS 906**

1390G CHM. General Chemistry I, Honors. (3-0-3) F. In introduction to chemical principles and their applications. Topics include: stoichiometry; atomic and electronic structure; bonding; properties of gases, liquids, solids, and solutions; thermochemistry. CHM 1395G must be taken concurrently. Prerequisites: One year of high school chemistry, intermediate algebra, and admission to the University Honors Program. **P1 902**

1395G CHM. General Chemistry Laboratory I, Honors. (0-3-1) F. Experimental work demonstrating chemical principles and their applications. Must be taken concurrently with CHM 1390G. Prerequisites: One year of high school chemistry, intermediate algebra, and admission to the University Honors Program. **P1 902L**

1410 CHM. General Chemistry II. (3-0-3) The second semester of the general chemistry sequence for biological science majors and those in various medical fields. CHM 1415 must be taken concurrently. Prerequisites: CHM 1310G and 1315G. Credit not granted for both CHM 1410 and 1510. **BIO 907; CLS 907**

1415 CHM. General Chemistry Laboratory II. (0-3-1) Must be taken concurrently with CHM 1410. Credit not granted for both CHM 1415 and 1515. **BIO 907; CLS 907**

1510 CHM. General Chemistry II. (3-0-3) F, S. The second semester of the general chemistry sequence for physical science, mathematics and pre-engineering majors. CHM 1515 must be taken concurrently. Prerequisites: CHM 1310G and 1315G. Credit not granted for both CHM 1510 and 1410. **EGR 962; BIO 907**

1515 CHM. General Chemistry Laboratory II. (0-3-1) F, S. Must be taken concurrently with CHM 1510. Credit not granted for both CHM 1515 and 1415. **EGR 962; BIO 907**

1590 CHM. General Chemistry II, Honors. (3-0-3) S. Principles of thermo-dynamics, kinetics, equilibrium and electrochemistry are elucidated and applied to relevant inorganic and organic chemical systems. Prerequisites: CHM 1390G and 1395G, Honors, admission to the University Honors Program. CHM 1595, Honors, must be taken concurrently.

1595 CHM. General Chemistry Laboratory II, Honors. (0-3-1) S. Experimental work demonstrating chemical principles and their applications. Must be taken concurrently with CHM 1590, Honors. Prerequisite: Admission to the University Honors Program.

2040G CHM. Practical Chemistry. (3-0-3) S. The principle that molecular structure determines chemical and physical properties will be applied to materials encountered in daily life. The nature of chemical ingredients in common household products such as detergents, personal care items, medicines, etc., will be emphasized. No credit toward major or minor in chemistry.

2310 CHM. Descriptive Inorganic Chemistry. (2-0-2) S. Physical and chemical properties of the elements and their compounds,

presented at an elementary level. Prerequisites: CHM (1410, 1415) or (1510, 1515).

2430 CHM. Survey of Organic Chemistry. (4-0-4) F, S. Studies of aliphatic and aromatic compounds with an introduction to the theories of organic chemistry and reaction mechanisms. Prerequisite: CHM (1410, 1415) or (1510, 1515). No credit toward the chemistry major or Track II of the chemistry minor or for students with prior credit in CHM 2440. **EGR 963; BIO 908 CLS 908**

2435 CHM. Survey of Organic Chemistry Laboratory. (0-3-1) F, S. Laboratory experiments illustrating the major concepts of CHM 2430. Prerequisite: Concurrent enrollment or prior credit in CHM 2430. No credit toward the chemistry major or Track II of the chemistry minor or for students with prior credit in CHM 2445. **EGR 963; BIO 908; CLS 908**

2440 CHM. Organic Chemistry I. (3-0-3) F, S. The nomenclature and reactions of major types of organic compounds including alkanes, alkenes, alkynes, alkyl halides, and aromatic compounds; stereochemistry; mechanisms of organic reactions; spectroscopy of organic compounds. Prerequisite: CHM (1410, 1415) or (1510, 1515). Chemistry majors must elect CHM 2445 concurrently.

2445 CHM. Organic Chemistry Laboratory I. (0-3-1) F, S. An introduction to common laboratory techniques of organic chemistry. Representative reactions of alkanes, alkenes, alkynes, alkyl halides, and aromatic compounds; spectroscopy of organic compounds. Prerequisites: CHM (1410, 1415) or (1510, 1515); concurrent enrollment or prior credit in CHM 2440.

2730 CHM. Quantitative Analysis. (2-4-3) F. Theory and applications of gravimetric, volumetric, electrochemical, and spectrophotometric quantitative chemical analysis. Prerequisites: CHM (1410 and 1415) or (1510 and 1515).

2840 CHM. Organic Chemistry II. (3-0-3) F, S. Continued application and development of concepts and information from CHM 2440. The nomenclature and reactions of major types of organic compounds including alcohols, ethers, epoxides, sulfides, aldehydes, ketones, amines, carboxylic acids, carboxylic acid derivatives. Enolate reactions; mechanisms of organic reactions; spectroscopy of organic compounds; polymers; biological molecules. Prerequisite: CHM 2440, 2445. Chemistry majors should elect CHM 2845 simultaneously. **EGR 964; BIO 909; CLS 909**

2845 CHM. Organic Chemistry Laboratory II. (0-6-2) F, S. Representative reactions of alcohols, ethers, aldehydes, ketones, amines, carboxylic acids, and carboxylic acid derivatives. Multi-step syntheses and advanced techniques with some molecular modeling. Strong emphasis on infrared spectroscopy, ultraviolet/visible spectroscopy, gas chromatography/mass spectrometry, and nuclear magnetic resonance as applied to synthesis and structure determination. Prerequisites: CHM 2440, CHM 2445; concurrent enrollment or prior credit in CHM 2840. **EGR 964; BIO 909; CLS 909**

3000 CHM. Undergraduate Seminar. (2-0-0) F, S. Audit only. For juniors. Prerequisites: Junior standing and completion of 15 semester hours of chemistry courses or permission of the instructor.

3001 CHM. Undergraduate Seminar. (2-0-1) F, S. A thorough literature search of a recent development in chemistry and presentation of a talk based on this search. For juniors. Prerequisite: CHM 3000.

3100 CHM. Practicum in Chemistry. (0-3-1) F, S. Practical experiences in preparing and handling chemical materials, supervising a chemical stockroom and assisting in a chemistry laboratory. Prerequisite: Two years of college chemistry. Should be completed prior to student teaching. Enrollment is restricted to chemistry majors and minors in the teacher certification program.

3200 CHM. Cooperative Education in Chemistry. (0-0-1 to 4) (Credit/No Credit) May be repeated for up to 15 sem. hrs. Credit

does not count toward the major in chemistry. Individually planned work experience in industry or government, supervised jointly by Chemistry faculty and the host institution. At least two work terms are required. Prerequisites: Minimum GPA of 2.50 and minimum combined GPA in Chemistry, Physics and Mathematics of 2.50; completion of sophomore year or two semesters of organic chemistry; and permission of department chairperson.

3450 CHM. Biochemistry. (3-0-3) F, S. A survey of the structure and function of biological molecules: proteins, carbohydrates, lipids, and nucleic acids; an introduction to essential metabolic pathways. Prerequisites: CHM 2430 or CHM 2840 (or concurrent enrollment therein). **CLS 910**

3500 CHM. Introduction to Chemical Research. (1-0-1) (Credit/No Credit) S. An introduction to the ethical, safety, and public awareness aspects of research in chemistry; methods of searching for and retrieving chemical information from printed and electronic sources. Prerequisites: (CHM 2430, CHM 2435) or (CHM 2440, CHM 2445) or concurrent enrollment therein of 13 hours of chemistry or permission of the department chairperson.

3780 CHM. Instrumental Analysis. (2-3-3) F. Instrument design and analytical applications for the techniques of UV-visible spectrometry, fluorescence spectrometry, flame photometry, atomic absorption spectrometry, polarography, coulometry, HPLC, and gas chromatography. Prerequisites: CHM 2730.

3910 CHM. Physical Chemistry I. (4-0-4) F. A study of the principles governing chemical change, including thermodynamics and kinetics. Prerequisites: CHM 2730 (or concurrent enrollment therein); MAT 1440 or 1441G and 2442; PHY 1351G, 1352G, 1361 and 1362.

3915 CHM. Physical Chemistry Laboratory. (1-4-2) S. Experimental investigation of the thermodynamic and kinetic behavior of several chemical systems. Prerequisite: CHM 3910.

3920 CHM. Physical Chemistry II. (3-0-3) S. A second semester course covering quantum mechanics and statistics. Prerequisite: CHM 3910.

3940 CHM. Computer Programming in Chemistry. (1-3-2) S. Techniques in FORTRAN programming, data manipulation, curve fitting, numerical methods and computer graphics are developed with emphasis on applications in chemistry. Prerequisite: CHM 3910 or permission of instructor.

4000 CHM. Undergraduate Seminar. (2-0-0) F, S. Audit only. For seniors. Prerequisite: CHM 3001.

4001 CHM. Undergraduate Seminar. (2-0-1) F, S. A thorough literature search of a recent development in chemistry and the presentation of a talk based on this search. For seniors. Prerequisite: CHM 4000.

4400 CHM. Undergraduate Research. (Arr.-Arr.-1 to 6) Laboratory or theoretical research in which the student works under the supervision of a faculty member. A written report is required. Prerequisite or corequisite: CHM 3500; prerequisites: permission of the instructor and department chairperson. May be repeated for credit.

4410 CHM. Independent Study. (Arr.-Arr.-1 to 3) Intensive individual study on a topic in chemistry selected by the student under the supervision of an instructor. May be repeated for credit to a maximum of six hours. *Note:* A maximum of three semester hours credit may be applied to the major or minor in chemistry. Prerequisites: Permission of the department chairperson and instructor.

4444 CHM. Honors Independent Study. (Arr.-Arr.-1 to 3) Intensive individual study on a topic in chemistry selected by the student under the supervision of the instructor and the departmental honors coordinator. *Note:* A maximum of three semester hours

credit may be applied to Departmental Honors and the major in chemistry. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor.

4555 CHM. Honors Research. (Arr.-Arr.-1 to 3) Research into an experimental or theoretical aspect of modern chemistry undertaken with close supervision of an honors faculty member. Written report required. *Note:* Two semester hours are required of students in the Departmental Honors Program. A maximum of three additional semester hours credit may be applied to Departmental Honors and the major in chemistry. Prerequisites: CHM 3500; Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor.

4644 CHM. Honors Thesis. (Arr.-Arr.-3) Written thesis and oral presentation based upon a survey of the chemical literature and student's original research under close supervision of a chemistry honors faculty member. Required of students in the Departmental Honors Program. May not be repeated. Prerequisites: A minimum of two credit hours in CHM 4555; admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor.

4666 CHM. Honors Seminar. (1-0-1) On demand. Directed reading and group discussion of advanced topics from a variety of sources including both classical and recent chemical research papers. Required of students in the Departmental Honors Program. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson and instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4750 CHM. Environmental Chemistry. (3-0-3) On demand. The chemistry of environmental processes and chemical contaminants in the hydrosphere, atmosphere, and biosphere; the impact of energy generation on the global environment; the toxicology of specific chemical compounds. Prerequisites: CHM 2730; CHM 3910 or permission of the instructor. CHM 3450 recommended.

4760 CHM. Advanced Metabolism. (3-0-3) S. A continuation of CHM 3450 emphasizing mechanisms and control of enzyme action, energetic metabolic pathways, biosyntheses of nucleotides, carbohydrates, and lipids. Prerequisite: CHM 3450.

4765 CHM. Biochemistry Laboratory. (0-6-2) S. Introduction to experimentation with biochemical systems, processes, and compounds including protein purification, enzyme kinetics, and recombinant DNA techniques. Prerequisite: CHM 2730 and 3450.

4770 CHM. Molecular Spectroscopy. (1-6-3) F. Use of pulsed nmr, Fourier transform infrared, Raman, vibronic absorption, and time resolved laser induced fluorescence spectroscopy to determine molecular structure, force fields, and the dynamics of molecular motion and energy transfer processes. Prerequisite: CHM 3920 or 5300 or concurrent enrollment in CHM 5300.

4790 CHM. Medicinal Chemistry. (3-0-3) On demand. Basic principles of pharmacology, drug-receptor interaction, physicochemical properties as related to biological activity; synthesis of medicinally important molecules including strategic considerations. Prerequisite: CHM 2840 or permission of instructor.

4800 CHM. Selected Topics in Chemistry. (Arr.-Arr.-1 to 3) On demand. A course in a selected area of chemistry. May be repeated for credit if a different topic is taught. Prerequisite: CHM 3910 or permission of the instructor.

4860 CHM. Complex Biochemical Systems. (3-0-3) F. Topics may include protein structure and function, enzyme mechanisms, transcription, DNA replication, regulation of DNA expression, and cellular signaling pathways. Prerequisites: CHM 4760 or CHM 3450 with consent of the instructor.

4900 CHM. Modern Inorganic Chemistry. (3-0-3) F. A study of the structures and reactions of inorganic compounds with particular emphasis on chemical bonding and coordination theory. Prerequisites: CHM 2310 and 3920.

4905 CHM. Modern Inorganic Chemistry Laboratory. (0-6-2) F. A laboratory course emphasizing modern techniques in inorganic research including those for synthesis and characterization of important classes of inorganic compounds, kinetics studies, and photochemistry. Prerequisite or corequisite: CHM 4900.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School.

For graduate courses, see the *Graduate Catalog*.

CLINICAL LABORATORY SCIENCE

Undergraduate Courses

The following courses are open only to those who have been admitted to the Clinical Laboratory Science Program:

4000 CLS. Clinical Chemistry I. (4 to 6) Theory and practice of analytical biochemistry as applied to pathologic states, methodology, and instrumentation. Mathematics and statistics involved in reagent preparation, result determination and quality control are included.

4005 CLS. Clinical Chemistry II. (3 to 5) Theory and practice of analytical biochemistry as applied to urine and body fluids, including specialized tests for drugs and endocrine functions.

4010 CLS. Clinical Hematology. (4 to 6) Study of the origin, development, morphology, physiology, and pathophysiology of the formed elements of the blood and bone marrow. Manual and automated hematological procedures used in diagnosis of diseases are included.

4020 CLS. Clinical Hemostasis. (1 to 2) Study of the platelet, vascular, coagulation, and fibrinolytic systems related to disease states and therapeutic monitoring.

4030 CLS. Clinical Immunohematology. (3 to 5) Study of red cell antigen-antibody systems, antibody screening and identification, compatibility testing, and immunopathologic conditions. Donor requirements and blood component preparation and theory are included.

4040 CLS. Clinical Immunology. (2 to 3) Study of the protective and adverse aspects of cellular and humoral immune responses. Theory, test procedures based on antigen-antibody reactions, and analysis of clinical significance of test results are included.

4050 CLS. Clinical Microbiology I. (5 to 6) Theory and practice of the isolation and identification of pathogenic bacteria and mycobacteria through culture specificity, morphology, biochemical and/or serological reactions, and drug susceptibility. Clinical testing is related to disease states.

4055 CLS. Clinical Microbiology II. (2 to 3) Theory and practice of the isolation and identification of fungi, animal parasites, rickettsia, and viruses, utilizing morphological, cultural, biochemical, and serological methods. Clinical testing is related to disease states and epidemiology.

4060 CLS. Special Topics in Clinical Laboratory Science. (1) Overview of medical ethics, patient approach, theory and practice of phlebotomy techniques, laboratory safety, applications of laboratory computer systems, and clinical research methods.

4070 CLS. Clinical Management and Education. (1) A basic introduction to the principles and theory of management and education as related to the clinical laboratory. The special responsibilities of the clinical laboratory scientist in management and education are addressed.

COLLEGE OF SCIENCES

Undergraduate Courses

3000 CSC. Introduction to the Internet. (1-0-1) Introduction to Internet capabilities such as e-mail, news groups, world wide web, and other timely topics.

3001G CSC. Survival of Humanity. (3-0-3) S. An interdisciplinary study of the interplay of facts, values, and theories in the analysis of complex social questions related to humanity's continued survival. Topics examined may include population, food, energy, the environment, and biodiversity.

COMMUNICATION DISORDERS AND SCIENCES

Undergraduate Courses

For information on admission to the major and access to upper division CDS courses, see the description of the Communication Disorders and Sciences major in the "College Descriptions and Program Requirements" section of this catalog.

2000 CDS. Introduction to Communication Disorders & Sciences. (1-0-1) F, S. An overview of the profession, scope of practice, work settings, research applications to clinical practice, and impact of communication disorders. Topics will be addressed using interactive seminar format with portfolio assessment.

2100 CDS. Phonetics and Phonological Development. (3-1-3) F. A study of the physiologic and acoustic bases of phonemes in the English language. The course will include transcription skills of the International Phonetic Alphabet. This course develops an understanding of normal, culturally different and disordered phonological systems through the lifespan.

2200 CDS. Language Acquisition. (3-0-3) F, S. Theoretical foundation for defining language, the major components of language and normal acquisition sequences from infant precursors through early childhood and adolescence. Patterns of normal acquisition as a guide for evaluation of developmental disorders are presented.

2500 CDS. Anatomy and Physiology of the Speech, Language, Swallowing, and Hearing Mechanism. (3-0-3) F. Study of the basic neurologic, anatomical and physiological processes of speech, language, swallowing and hearing.

2800 CDS. Speech Science. (3-1-3) S. Application of basic acoustic and physiologic information to normal speech in the areas of respiration, phonation, resonance and articulation. Prerequisites: CDS 2500, and PHY 1071, 1072 or permission of the department chair.

3100 CDS. Phonological Assessment and Remediation. (3-0-3) F. Study of the diagnostic evaluation and intervention techniques for functional phonological disorders. Assessment and remediation procedures include options within phonological rule-based and traditional motor-production approaches. Prerequisites: Admission to the major, CDS 2100.

3200 CDS. Language Disorders in Children. (3-0-3) F. Study and application of the causes of language disorders and the assessment and intervention strategies applied to language disordered children in early, middle, or later stages of language development in both major and minority cultures. Prerequisites: Admission to the major, CDS 2200; or permission of the chair.

3300 CDS. Introduction to Audiology. (3-0-3) F. The purpose of this course is to provide an overview of audiologic assessment and associated hearing disorders and to review the necessary hearing science principles. Prerequisites: Admission to the major, CDS 2800; or permission of the department chair.

3700 CDS. Diagnosis and Treatment of Communication Disorders. (3-0-3) F. Study of general diagnostic principles and techniques including case history development and speech mechanism exams, general treatment principles and paradigms, and clinical report writing. Prerequisite: Admission to the Communication Disorders and Sciences major.

3900 CDS. Introduction to Clinical Techniques in Communication Disorders. (1-1-1) F, S. An introduction to a variety of methodologies used in the management of communication disorders. Through the lab activities, students will observe and evaluate clinical sessions. Students will complete 25 hours of pre-clinical observation in this course. This course is graded A, B, C, N/C. Prerequisite: Admission to the CDS major.

4300 CDS. Aural Rehabilitation. (3-0-3) S. To acquire knowledge concerning hearing impairment and its impact on speech and language characteristics of children and adults. The student will learn tests and techniques which are fundamental to the rehabilitation and management of the hearing impaired person. Prerequisites: Admission to the major, CDS 3300; or permission of the department chair.

4500 CDS. Neurological/Embryological Aspects of Communication. (3-0-3) F. Study of embryological development and basic neurological processes underlying communication. Prerequisites: Admission to the major and CDS 2500 or permission of the department chairperson.

4644 CDS. Honors Thesis. (Arr.-Arr.-3) (Replaces six semester hours of electives.) (May be repeated to a maximum of six semester hours). Original research in speech, language, or hearing science. A written report and oral presentation are required. Prerequisites: Admission to the Department Honors Program in Communication Disorders and Sciences and permission of the department honors coordinator and department chair.

4666 CDS. Honors Seminar. (Arr.-Arr.-3) On demand. Reading and discussion of original research projects in speech, language, or hearing science. Attendance at presentations of original research. Prerequisites: Admission to the Department Honors Program in Communication Disorders & Sciences and permission of the department honors coordinator and department chair.

Courses Open to Juniors, Seniors, and Graduate Students

4760 CDS. Voice Production and Disorders. (3-0-3) S. Study of the normal voice function and the etiology and remediation of functional and functional and organic voice disorders: pitch, intensity, quality, resonance, dysphonia, laryngectomy. Prerequisite: Admission to the major or permission of the instructor.

4770 CDS. Stuttering. (3) Prominent etiological theories along with the development of stuttering are surveyed. Diagnostic and preventative procedures, along with the integration of prominent theories in the treatment of stuttering, are studied and evaluated. Prerequisite: Admission to the major or permission of the instructor.

4850 CDS. Independent Study. (1-6) (May be repeated to maximum of six semester hours.) Independent directed study in speech, language, or hearing processes or disorders. Prerequisites: Admission to major and permission of department chair.

4900 CDS. Clinical Practice. (1) F, S. (Credit/No Credit) Supervised work with persons with a communication disorder. Prerequisites: Admission to the major, CDS 2100, 2200, 3100, 3200, 3700, 3900; a major GPA of 2.85 and a cumulative GPA of 2.50; or permission of the department chairperson. With permission

of the department chairperson, students may repeat this course for credit. This course is available during Summer Session only with permission of the department chair.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior only with approval of the Department Chair, instructor, and Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

5000 CDS. Introduction to Graduate Study. (3-0-3) F. (For CDS honors students this course may be taken for undergraduate credit and replace 3 sh of electives or CDS 4670 to CDS 4770). Introduction to descriptive and experimental research designs in the field of communication disorders and sciences. Prerequisite: CDS 4666, Admission to the Department of Honors Program in Communication Disorders & Sciences and permission of the Department Honors Coordinator, Department Chair, and Dean of the Graduate School.

COMPUTER AND OPERATIONS MANAGEMENT

Course Open to Juniors, Seniors, and Graduate Students

4800 COM/INT/MGT. Management of Innovation and Technology. (3-0-3). As needed. Study of the development, adoption and implementation of new technology in industry. The focus is on the integration of business and technology strategies. Prerequisites: Senior standing and admission to the School of Business or permission of the Associate Chair.

COMPUTER INFORMATION SYSTEMS

Undergraduate Courses

2000 CIS. Problem Solving with Visual BASIC. (3-0-3) An introduction to the tools and methods of formal logic mandatory to produce business application programs including: basic conjunctions, truth tables, compound conjunctions and programming structure. Includes the application of Visual BASIC to illustrate and extend the methodology being presented. Prerequisite: Sophomore standing.

3000 CIS. Information Systems Design and Development. (3-0-3) F, S. A study of the systems development life cycle. Emphasis on requirements determination, modeling techniques, and development, implementation and maintenance strategies. Includes project management techniques and software, Computer Aided Systems Engineering (CASE) with Oracle Designer, and Visual Basic as the development tool. Prerequisites: BUS 1950, CIS 2000 and junior standing.

3200 CIS. Networking Fundamentals. (3-0-3) F, S. Fundamentals of business telecommunications, teleprocessing, and computer networks. Data impact on organizational structure and strategy, cost/benefit analysis. Local and wide area networks are studied. Prerequisites: BUS 1950 and junior standing.

3300 CIS. Business Programming in COBOL. (3-0-3) F, S. Computer programming and reporting for file-oriented, computerized information systems utilizing the COBOL language. Additional topics include COBOL sorting routines, table handling features, structured coding techniques and sequential disk organization. Prerequisites: CIS 2000 or MAT 2170, and junior standing or permission of the Associate Chair, School of Business.

3320 CIS. Business Programming with C. (3-0-3) F, S. A study of the program structure, data types, operators, input/output statements, functions, and arrays and pointers in the C language. Emphasis is on efficiency in business programming. Prerequisites:

Junior standing, CIS 2000, or successful completion of one college-level programming course with a C or better.

3340 CIS. File Organization and Management Methods. (3-0-3) F, S. A study of disk file structures, organization, and file management methods. Advanced COBOL concepts are used in a file-processing environment. Includes disk file organization, creation, storage, retrieval, maintenance, and security. Prerequisites: CIS 3300, junior standing and admission to the School of Business or majoring in Mathematics and Computer Science.

3350 CIS. MVS Control Languages and Utilities. (3-0-3) S. A study of the MVS Job Control Language, including the creation of load module library, compilation to library and batch execution of load modules in complex job streams. Includes a discussion of two-library system for test and load modules. Emphasis on utilities for file backups, load modules implementation and file management. Prerequisites: CIS 3300 and admission to the School of Business or permission of the Associate Chair, School of Business.

3500 CIS. Advanced Microcomputer Applications and Development. (3-0-3) F, S. The advanced study of microcomputer business systems using databases and spreadsheets for problem solving and productivity. Customizing microcomputer operating environments. Emphasis on the development of applications for end-user computing. Prerequisites: BUS 1950, junior standing.

3510 CIS. Business Presentations and Document Design. (3-0-3) F, S. Design of media objects used in presentations, print productions, web publishing, and other multimedia-related applications in the enterprise. Conceptualize and develop visually-appropriate materials that support and enhance information systems communication needs with effective use of graphics. Prerequisites: BUS 1950 and junior standing.

3520 CIS. Communication for CIS Professionals. (3-0-3) F, S. Effective communication for management of enterprise-wide information systems. Collect, organize, and present information in written and verbal forms. Develop communication appropriate to audience, purpose, and situation. Prerequisites: ENG 1001G/1002G and admission to the School of Business or permission of the Associate Chair, School of Business.

3530 CIS. Business Web Site Design and Development. (3-0-3) F. Fundamentals of creating and designing effective web pages, using HTML, graphics, audio, and video files. Some CGI and Java Script will be introduced. Students will develop a web site. Focus will be on principles of effective design for business web sites. Prerequisites: BUS 1950 and junior standing.

3700 CIS. Local Area Networking. (3-0-3) F, S. Local area networking concepts, advanced network design and security. Local area network management and user administration. LAN data analysis and troubleshooting. Prerequisite: CIS 3200, junior standing.

3720 CIS. Telecommunications Programming with Visual Basic. (3-0-3) F, S. Programming with Visual BASIC with emphasis on designing front-ends for use in a client-server LAV environment. Topics such as accessing databases with SQL and ActiveX controls, advanced Windows common controls, and developing dynamic HTML applications are included. Prerequisites: CIS 3000, CIS 3200, and admission to the School of Business or permission of the Associate Chair, School of Business.

3740 CIS. Fundamentals of E-Commerce. (3-0-3) F, S. Study of technical and business topics related to conducting business electronically. Topics include models of e-business; digital currency and funds transfer; legal and regulatory considerations; security and privacy issues and technologies; economic analysis of e-commerce alternatives. Prerequisites: BUS 3010 and BUS 3470.

3900 CIS. Java Programming. (3-0-3) A study of object oriented programming using the Java language. Includes scalar, aggregate, reference types, statements, expressions, methods, libraries,

classes, objects, and overloading. Emphasizes development of objects including the concepts of polymorphism, encapsulation and inheritance. Prerequisites: CIS 3320, junior standing, and admission to the School of Business or permission of the Associate Chair, School of Business.

3970 CIS. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 CIS. Database: Design and Management. (3-0-3) F, S. A study of database structures and design, including hierarchical, network and relational models, data design and development through fourth generation command and graphical user tools in a client/server environment. Recent trends will be addressed. Prerequisite: CIS 3000.

4275 CIS. Internship. (Arr.-Arr. 1-12) (Credit/No Credit) On the job experience in a computer-related function for one semester in an approved firm. Prerequisite: permission of Associate Chair, School of Business, and acceptance of the student by a business firm on the basis of the student's application. Up to 12 hours of internship credit may be counted for graduation.

4310 CIS. Decision Support Systems for the Management Sciences. (3-0-3) F. Design and development of decision support systems utilizing management science techniques, including simulation and linear, network, and integer programming. Emphasizes decision analysis with Excel solver and event driven programming, including retrieving data, analyzing alternate solutions, and producing reports. Prerequisite: CIS 3000 or MAT 2170 or CHM 3915.

4330 CIS. Advanced Java Programming. (3-0-3) Emphasis on the object paradigm, object-oriented design, interactive development, class construction, test, version control, modification and extension and reuse. Exercises and team projects use the Java language in an object-oriented environment. Prerequisites: CIS 3900 and admission to the School of Business.

4350 CIS. Interactive Business Systems. (3-0-3) F. A study of CICS program development, design, and command level programming. Emphasis on pseudo-conversational programming, including VSAM file control commands, program control commands, and error processing techniques. Includes PPT, PCT, and FCT tables, Transaction Processing Systems, and screen design and development. Prerequisites: CIS 3340 and admission to the School of Business or permission of the Associate Chair, School of Business.

4500 CIS. Management of User Systems. (3-0-3) F, S. Role of information systems management in the enterprise, including end-user computing, designing and assessing training requirements, electronic document management, change management, professional development, and changing IS paradigms. Prerequisites: CIS 3000, and CIS 3500, admission to the School of Business or permission of the Associate Chair, School of Business.

4600 CIS. Special Topics in Computer Information Systems. (Arr.-Arr.-1-3) On demand. Current research and practices in Computer Information Systems. Topics to be announced. May be repeated for different topics. Prerequisites: Permission of Associate Chair, School of Business.

4700 CIS. Internetworking. (3-0-3) F, S. Internetworking concepts, advanced internetwork design, security, and administration. Enterprise network design, management and user administration. WAN data analysis and troubleshooting. Prerequisites: CIS 3700 and admission to the School of Business or permission of the Associate Chair, School of Business.

4740 CIS. Independent Study. (Arr.-Arr.-1-3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative GPA of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the Associate Chair, School of Business, prior to registration.

EARTH SCIENCE

(Offered in the Department of Geology and Geography)

Undergraduate Courses

1300G ESC/GEL. Introduction to Earth Sciences. (3-2-4) An introduction to earth processes, resources, rocks, minerals, maps, time, and plate tectonics. The interaction of natural processes in the physical environment and human activity will be discussed. Lab work and field trip are required. **P1 907L**

1390G ESC/GEL. Introduction to Earth Sciences, Honors. (3-2-4) On demand. Study of the planet Earth as a system consisting of the lithosphere, hydrosphere, and atmosphere. Emphasis on how processes occurring within the solid, liquid, and gaseous portions of the Earth system act to influence its surface. Field trips and short papers will stress scientific communication skills. Prerequisite: Admission to the University Honors Program. **P1 907L**

1400G ESC. Weather and Climate. (3-2-4) F, S. This course provides a basic understanding of global weather and climate processes. It emphasizes prominent theoretical and applied aspects of the atmosphere that affect our everyday life. Topics covered also include contemporary issues such as weather analysis, severe weather, weather forecasting, and climate change. **P1 905L**

1490G ESC. Weather and Climate, Honors. (3-2-4) On demand. An introduction to the study of the atmosphere and its processes. Topics include: atmospheric structure and composition, weather elements, climatic change, and interactions between man and the atmosphere. Research papers and field trips required. Prerequisite: Admission to the University Honors Program. **P1 905L**

2420 ESC. Regional Geomorphology. (2-2-3) On demand. Landforms of the United States; work with maps of landforms; consideration to composition, distribution and the processes by which the land is shaped. Field trip. **P1 905L**

2450G (3450) ESC/GEL. Oceanography. (3-0-3) Integrated, descriptive study of the World Ocean, including the physics, chemistry, biology, and geology of the marine environment and the interrelationship between the World Ocean and human activities.

3010G ESC/GEL. Environmental Physical Science. (2-2-3) F, S. A study of environmental Earth processes and their interrelationship with human activities. This will include both the impact of the Earth on society and the impact of society on Earth.

3200 ESC/GEG. Human Impacts on the Environment. (3-0-3) S. Emphasis on human impacts on the environment and the necessity of conservation. Discussion of natural hazards and perception of resources as factors limiting society's development. Focus on man as an agent of environmental change.

3300 ESC. Soils. (2-2-3) On demand. Overview of soil sciences such as taxonomy, soil formation, properties of soils, common soil problems and their solutions, evaluation of soils, and pollution from uses of soils. Prerequisites: GEL/ESC 1300G or 3010G and CHM 1310G and 1315G.

3410 ESC. Climatology. (2-2-3) F. Study of the earth's energy and water balances, climate classification systems, synoptic climatology, paleoclimatology, agricultural and urban climatology, theory of jet streams. Prerequisite: ESC 1400G (or equivalent).

3550 ESC. Surface Water Processes and Resources. (2-2-3) On demand. Principles of the water cycle, surface and subsurface routing, drainage basins, stream channel form and processes, effects of climate. Illustrates human responses to and modification of hydrologic systems. Field trip required. Prerequisite: GEL 3420 or permission of instructor.

3960 ESC. Special Topics. (Arr.-Arr.-1 to 4) On demand. Readings, discussion, reports, on-campus and off-campus fieldwork

on specific areas of topics in earth science. May be repeated with permission of department chairperson, for a maximum of six semester hours. Prerequisite: Minimum of four courses in earth science or consent of the instructor.

3970 ESC. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

3990 ESC/HIS. Medieval Archaeology, Honors. (Arr-ARR-1-4). An introduction to archaeology as a crossroads discipline, integrating a humanistic inquiry into history with the scientific methodologies which help evaluate the vestiges of past material culture. It will be taught only within the Semester Abroad program and emphasize the cultural heritage in the countries concerns. May be repeated. Prerequisite: Students enrolled for credit must be admitted to the Honors Program and must enroll for four semester hours. Student auditors must have permission of the Director of the Honors Program and may enroll for one to four semester hours.

4275 ESC. Internship in Earth Science. (Arr.-Arr.-1 to 4) **On demand.** An individually planned work experience in a business or agency appropriate to the student's area of specialization. Note: A maximum of three semester hours may be counted as elective credit in the Earth Science minor. Prerequisites: Completion of at least 12 hours of course work toward Earth Science minors, permission of the Geology/Geography Department Chair, the Internship Coordinator, and acceptance of the student by a business or agency. The course may be repeated to a maximum of 12 semester hours.

4400 ESC. Independent Study. (Arr.-Arr.-1 to 3) Individual study under faculty supervision on a topic selected by the student. May be repeated to a maximum of six semester hours. Prerequisite: Permission of the faculty supervisor and approval of the department chairperson.

4430 ESC. Undergraduate Research in Earth Science. (Arr.-Arr.1-3) **On demand.** Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. Prerequisites: Completion of 15 semester hours toward an Earth Science minor, permission of instructor and department chair. Can be repeated for a maximum of six semester hours in combined department undergraduate research courses (Geology, Earth Science, Geography).

Courses Open to Juniors, Seniors, and Graduate Students

4900 ESC. Earth Science Field Experience for Teachers. (2-6-5) **Su.** Introduction to and field investigations of earth materials and resources, geological and geomorphical processes, and their historical relationships. Prerequisite: Teaching certificate or permission of the instructor.

4950 ESC. Earth Science Field Experience Research for Teachers. (Arr.-Arr.-1 to 3) **Su or F,** following successful completion of Earth Science 4900. Research on specific topic or topics developed while enrolled in ESC 4900. Prerequisite or corequisite: ESC 4900.

EIU

See Senior Seminar, Study Abroad, and University Foundations.

ECONOMICS

Undergraduate Courses

2800G ECN. Economics of Social Issues. (3-0-3) Uses the economic way of thinking to examine social issues. Illuminates fundamental economic features common to human conflicts across societies and across time. Examines institutional structures built by various societies to address fundamental economic problems. Not equivalent to ECN 2801G or ECN 2802G and may not be counted as part of the 36 semester-hour requirement for an economics major or

the 21 semester-hour requirement for an economics minor or the Option in Economics with International Studies.

2801G ECN. Principles of Economics I. (3-0-3) **Macroeconomics** - An exploration of the policy options, such as changes in taxation, government spending, the money supply or interest rates, available to government agents to achieve the goals of stable prices, high employment and steady growth. **S3 901**

2802G ECN. Principles of Economics II. (3-0-3) **Microeconomics** - An exploration of consumer behavior, of how firms decide upon profit maximizing price and output rates under various market conditions, and of the labor and capital markets. Prerequisite: ECN 2801G. **S3 902**

2891G ECN. Principles of Economics I, Honors. (3-0-3) **F.** **Macroeconomics** - An exploration of the policy options, such as changes in taxation, government spending, the money supply or interest rates, available to government agents to achieve the goals of stable prices, high employment and steady growth. Prerequisite: Admission to the University Honors Program. **S3 901**

2892G ECN. Principles of Economics II, Honors. (3-0-3) **S.** **Microeconomics** - An exploration of consumer behavior, of how firms decide upon profit maximizing price and output rates under various market conditions, and of the labor and capital markets. Prerequisites: ECN 2891G and admission to the University Honors Program. **S3 902**

3810 ECN. Economics of Natural Resources. (3-0-3) **F.** An introduction to economic analysis of natural resources and the environment. Prerequisite: ECN 2802G or permission of the instructor.

3833 ECN. Economic Development of Modern Europe. (3-0-3) **F, S.** A survey of the economic history of Europe with primary emphasis on the period after 1850. Prerequisite: ECN 2802G or permission of the instructor.

3835 ECN. American Economic Development. (3-0-3) **S.** Evolution of the economy with emphasis on basic economic institutions and major forces in the process of growth and development. Prerequisite: ECN 2802G or permission of the instructor.

3851 ECN. Public Finance. (3-0-3) **F, S.** A study of taxation, government spending, public debt, and the role of government in a market economy. Prerequisite: ECN 2802G.

3853 ECN. Urban and Regional Economics. (3-0-3) **S.** An introduction to spatial economics with emphasis on policy and planning to alleviate social problems that result from the uneven distribution of economic activities. Prerequisite: ECN 2802G or permission of the instructor.

3860 ECN. International Economics. (3-0-3) Principles of foreign trade and finance; balance of payments; tariffs; quotas and commercial policies of major countries. Prerequisite: ECN 2802G.

3870 ECN. Agricultural Economics. (3-0-3) **F.** An introduction to the application of economic theory and method to problems in agriculture and agribusiness; provides the foundation needed to understand, interpret, and analyze farm policy in the United States. Prerequisite: ECN 2802G or permission of the instructor. **AG 901**

3873 ECN. Economics of Race and Gender (3-0-3) **S.** Exploration of the economic status of women and of racial and ethnic minorities in the United States. Surveys the historical role of women and minorities in the U.S. labor market including trends in labor force participation, occupational distribution, wage differentials, labor legislation, and discrimination. Prerequisite: ECN 2802G or permission of the instructor.

3875 ECN. Health Economics. (3-0-3) **F, S.** A course using economic tools to understand various issues and problems

pertaining to medical care. Examines the production of and demand for medical care, health care systems and institutions, the role of government in health care markets, and the behavior of specific health care industries. Prerequisite: ECN 2802G or permission of the instructor.

3880 ECN. Government and Business. (3-0-3) F, S. The market structures in which business operates: public policies for regulation and control of those markets. Prerequisite: ECN 2802G or permission of the instructor.

3881 ECN. Economics of Public Utilities. (3-0-3) S. This course entails an examination of the unique economic characteristics which set public utilities apart from other corporations, and explains why these firms are subject to regulation. Prerequisite: ECN 2802G or permission of the instructor.

3890 ECN. Labor Economics. (3-0-3) F. Wage theory, history of the labor movement, collective bargaining, labor legislation, and poverty. Prerequisite: ECN 2802G or permission of the instructor.

3891 ECN. International Economics, Honors. (3-0-3) F. Principles of foreign trade and finance; balance of payments, tariffs, quotas and commercial policies of major countries. Prerequisites: ECN 2892G and admission to the University Honors Program.

3970 ECN. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

3971 ECN. Statistics Applied to Economics I. (3-0-3) F, S. Measures of central tendency and dispersion, statistical distributions, regression, and hypothesis testing with applications to economics. Prerequisite: ECN 2802G or permission of the instructor. No credit toward graduation for a student with credit in another introductory statistics course.

3972 ECN. Statistics Applied to Economics II. (3-0-3) F, S. Non-parametric statistics, chi-square and F distribution, multiple regression, index numbers, and time series with application to economics. Prerequisites: ECN 3971 and MAT 2120G, or MAT 2550, or permission of the instructor.

4275 ECN. Internship in Economics. (Arr.-Arr.-1 to 12) (Credit/No Credit) A semester's experience as an intern in a state, federal, or international agency or business firm. Twelve semester hours may be earned in the fall or spring semesters and nine semester hours during the summer term. Credit for this program does not count toward graduation if the student has earned 12 or more semester hours of Credit/No Credit in student teaching or any other internship offered by the university. Note: Not more than six semester hours can be used to meet the total credit hours required in the major. Prerequisite: Permission of the department chairperson and acceptance of the student by a state, federal, or international agency or business firm on the basis of the student's application. May not be counted toward the minor.

4444 ECN. Honors Independent Study. (Arr.-Arr.-3) Consideration of special topics in Economics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4505 ECN. Business Cycles. (3-0-3) S. Fluctuations in economic activity and their causes, methods of forecasting, and policies for growth and stability. Prerequisite: ECN 2802G

4511 ECN. Comparative Economic Systems. (3-0-3) F. A comparative study of the economic organization, policies, achievements and problems of the systems of capitalism, socialism, and communism. Prerequisite: ECN 2802G or permission of the instructor.

4520 ECN. History of Economic Thought. (3-0-3) F. To emphasize various schools of thought including the Classicalist,

Socialist, Marxist, Marginalist, Institutionalist, and Keynesian. Prerequisite: ECN 2802G.

4570 ECN. Economic Problems of the Developing Countries. (3-0-3) F. An analysis of the economic problems of the developing countries and theories of economic development. Prerequisite: ECN 2802G or permission of the instructor.

4594 ECN. Economics of Human Resources. (3-0-3) F. A survey of the field of human resource development with emphasis on policies for correcting problems of structural unemployment and underemployment. Prerequisite: ECN 2802G or permission of the instructor.

4596 ECN. Economics of Collective Bargaining. (3-0-3) S. The subjects of collective bargaining and the resolution of conflict are studied on the theoretical and descriptive levels. Prerequisite: ECN 3890 or permission of the instructor.

4644 ECN. Honors Thesis. (Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in Economics approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 ECN. Honors Seminar. (Arr.-Arr.-3) Areas of investigation which require integration of Economics and research will be treated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4689 ECN. Theory and Research. (3-0-3) S. A capstone course to apply theory in undergraduate research. A written report, oral presentation, and external field examination are required. Prerequisites: This capstone course is intended for Economics majors to be taken in the last semester before graduation and requires permission of the instructor.

Courses Open to Juniors, Seniors, and Graduate Students

It is strongly recommended that students complete MAT 2110G, or MAT 1440G or 1441G, and 2120G or 2550 before enrolling in Economics courses numbered 4750 and above.

4751 ECN. Managerial Economics. (3-0-3) F. The application of economic theory and method to managerial decision making. Prerequisites: ECN 2802G or BUS 2810, or other equivalent courses subject to departmental approval.

4801 ECN. Intermediate Macroeconomic Theory. (3-0-3) F, S. Analysis of the determination of national income, employment, wages, and factors affecting inflation and growth. Prerequisite: ECN 2802G.

4802 ECN. Intermediate Microeconomic Theory. (3-0-3) F, S. Analysis of product and factor price theory under alternative market classifications. Prerequisite: ECN 2802G.

4803 ECN. Mathematical Economics. (3-0-3) S. The application of mathematical tools to economics. Various economic theories are formulated in a mathematical framework. Prerequisite: ECN 4802 or permission of the instructor.

4813 ECN. Transition Economies. (3-0-3) S. A descriptive analysis of the economic structure of the evolving new nations after the breakup of the Soviet Union and Soviet Bloc, with an additional analysis of why the breakup occurred. Prerequisite: ECN 2802G or permission of the instructor.

4840 ECN. Money and Banking. (3-0-3) F, S. Money and banking in the modern economy; history and theory of monetary policy. Prerequisite: ECN 2802G.

4850 ECN. Economic Analysis of Law. (3-0-3) S. Economic analysis of the major areas of law: property, contract, torts, criminal

law. Emphasis on study of economic forces in the evolution of the rule of law and application of economic reasoning techniques to the critique of legal institutions. Examination of conflicts between economic efficiency and other social goals such as fairness, democracy, and justice. Prerequisite: ECN 2802G.

4861 ECN. International Economic Problems. (3-0-3) F. Current international economic problems; balance of payments adjustment; exchange rate policy; international monetary mechanism. Prerequisite: ECN 3860 or permission of the instructor.

4875 ECN. Area Studies. (3-0-3) S. A study of economic conditions and development problems in a specific geographical area such as Tropical Africa, Middle East, or Latin America. The topic will vary from semester to semester; the course may be repeated with each change of topic. Prerequisite: ECN 2802G or permission of instructor.

4900 ECN. Issues in Economics. (3-0-3) Su. An analysis of selected economic problems. Topics to be announced. May be repeated once for credit with change in topic. Prerequisites: ECN 2802G and senior or graduate standing or permission of the instructor.

4950 ECN. Independent Study. (Arr.-Arr.-2 or 3) Independent study in economics. Designed for individual student needs at either the undergraduate or graduate level. Prerequisites: ECN 2802G and pre-registration conference with the department chairperson.

4973 ECN. Introduction to Econometrics. (3-0-3) S. A study of regression estimations, tests and predictions, estimation problems and remedies, simultaneous equations systems with application to economics. Prerequisites: ECN 3972 or MAT 3702 and 1440G or 1441G, or MAT 2110G and 2120G, or 2550, or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

EDUCATIONAL FOUNDATIONS

Undergraduate Courses

2555 EDF. Diversity of Schools and Societies: Social and Global Perspectives. (3-0-3) F, S. How schooling is shaped by, and ought to respond to, the social contexts in which it occurs, particularly in multicultural and global contexts

4450 EDF. Philosophy and History of Education. (3-0-3) The philosophical and historical foundations of leading educational theories as they treat human nature, objectives, and processes of education. Prerequisite: Junior standing.

4741 EDF. Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

Course Open to Juniors, Seniors, and Graduate Students

4750 EDF. Introduction to Adult Education. (3-0-3) Adult education today, its career opportunities, and its historical and theoretical foundations.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered CSD 5540 and above are only open to students who have been admitted to the Department of Counseling and Student Development

or with permission of the Department Chair. For graduate courses, see the *Graduate Catalog*.

EDUCATIONAL PSYCHOLOGY

Undergraduate Course

3331 (3325) EDP. Theories of Learning and Development for Secondary Teachers. (3-2-3) F, S. Individual growth and development, motivation, learning theory, appraisal of human differences, classroom management, student evaluation, practices, and observation. Thirty clock (30) hours of clinical activities are required. Prerequisites: "University Approval to Take Teacher Education Courses" requirements apply; SED 2000. Corequisite: Concurrent enrollment in SED 3330.

Course Open to Juniors, Seniors, and Graduate Students

4770 EDP. Facilitation Interpersonal Relationships. (3-0-3) A course to develop skills in interpersonal relationships and personal understanding.

4790 EDP. Studies in Education. (2-0-2) Problems in education, student activities, curriculum, guidance, and evaluation. Each student assigned an individual problem.

4800 EDP. Studies in Education. (1-0-1) On demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered CSD 5540 and above are open only to students who have been admitted to the Department of Counseling and Student Development or with permission of the department chair. For graduate courses, see the *Graduate Catalog*.

EIU

See: Senior Seminar
Study Abroad
University Foundations

ELEMENTARY EDUCATION

Undergraduate Courses

2000 ELE. The Teacher and the School. (2-1-2) F, S. Observation and data collection techniques, professional issues in teaching, characteristics of schools, curricular organizations, effective teachers, 13 clock hours of structured observation. Prerequisite: Concurrent enrollment in ELE 2320 is desirable, or permission of department chair. **SPE 911; EED 901**

2022 ELE. Microcomputers in Elementary and Middle-Level Schools. (2-1-2) F, S. Basic course in microcomputers, their operation, and utilization in the elementary, middle, and junior high school classroom. Note: This is not a programming course. The minimum programming level does not apply.

2320 ELE. Childhood and Early Adolescent Development. (3-0-3) Concepts and issues in the physical, social, emotional, and intellectual growth and development of children and early adolescents: prenatal through middle school/junior high. Field-based activities will be provided in conjunction with ELE 2000. Prerequisite: Concurrent enrollment in ELE 2000 is desirable. **SPE 913; EED 902; ECE 912**

2321 ELE. Child Growth and Development. (3-1-3) F, S. A study of characteristics of children from before birth to the middle grades. Ways for teachers and other caregivers to respond to their needs

and learning styles. Fifteen clock hours of clinical experience in preschool through primary level classrooms. **ECE 912**

3000 ELE. Instructional Strategies for the Elementary Classroom. (3-3-4). Topics include instructional strategies, models for classroom management and discipline, parent-school community involvement, and school law. Forty-five clock hours of field-based activities primarily in reading and language arts. Prerequisites: ELE 2000 and ELE 2320. Concurrent enrollment in ELE 3280 and ELE 3350, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met.

3250 ELE. Facilitating Learning in Early Childhood Programs. (3-1-3) F, S. Nature of learning in the preschool and primary levels. Specialized instruction, learning centers, individualization, educational play, and utilization of media in the curriculum. Fifteen clock hours of clinical experience at the preschool/ kindergarten/primary level. Prerequisite: ELE 2321, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met.

3280 ELE. Developmental Reading in the Elementary School. (3-0-3) The instructional program in reading from kindergarten through grade six; goals, methods, and materials with emphasis on basal reader approaches. Field-based activities will be provided in conjunction with ELE 3000. Prerequisites: Concurrent enrollment in ELE 3000 and ELE 3350, or MLE 3110, or permission of department chair.

3281 ELE. Developmental Reading in Early Childhood. (3-1-3) F, S. Strategies and materials for teaching reading in preschool and primary grades. Emphasis on readiness, diagnostic procedures, individualization, evaluation, and reading interests. Fifteen clock hours of participation in primary grades. Prerequisite: ELE 3250 or concurrent enrollment therein.

3290 ELE. Science in the Elementary School. (3-0-3) Exploration of the nature, processes, and products of science and their relationships to society, the world, and the school curriculum. Field-based experiences will be in conjunction with ELE 4000. Prerequisites: Concurrent enrollment in ELE 3340 and ELE 4880, or permission of department chair.

3340 ELE. Social Studies for Elementary School Children. (3-0-3) Planning and organizing for instruction; material selection; and evaluation in social studies. Field-based activities will be provided in conjunction with ELE 4000. Prerequisites: ELE 3000; and concurrent enrollment in ELE 3290, ELE 4000, and ELE 4880, or permission of department chair.

3350 ELE. Language Arts in the Elementary School. (2-0-2) Objectives, research, teaching methods, and materials for teaching and evaluating the language arts. Field-based activities will be provided in conjunction with ELE 3000. Prerequisites: Concurrent enrollment in ELE 3280 and ELE 3000, or permission of department chair.

3970 ELE. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 ELE. Practicum in Elementary Curriculum and Instruction. (0-3-1) Supervised elementary school clinical experiences with emphasis on the curriculum and instructional aspects of science, social studies, and diagnostic/prescriptive reading. Forty-five hours of classroom participation/preparation. Prerequisite: Concurrent enrollment in one or more of ELE 3290, 3340, 4880, or permission of department chair. Course may be taken twice with permission of the department chair. University Teacher Education requirements apply and department requirements for enrollment must be met.

4741 ELE. Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4770 ELE. Methods and Curriculum in the Primary Grades. (3-0-3) F, S. Study of curriculum and techniques for teaching mathematics, science, and social studies in the primary grades. Planning lessons and units of instruction. Prerequisite: ELE 3250.

4775 ELE. Language and Language Arts in Early Childhood. (3-0-3) F, S. Normal language development in the young child. Techniques for specific language art skills in pre-school and primary teaching. Assessment of pupil growth and achievement in language.

4776 ELE. Early Childhood Education: History and Philosophy. (3-0-3) F, S. The history and philosophy of early childhood education. Historical and contemporary models, social policy, and philosophical issues. Prerequisites: Eight semester hours in education and psychology.

4780 ELE. Studies in Education. (Arr.-Arr.-1-3) On demand. Issues in education, student activities, curriculum, guidance, and evaluation. May be repeated for a maximum of six semester hours. Prerequisites: Eight semester hours in education and psychology.

4880 ELE. Diagnostic-Prescriptive Reading Instruction. (3-0-3) Diagnostic procedures and materials in reading for teachers in self-contained and departmentalized classrooms from kindergarten through junior high/middle school. Field-based experiences. Prerequisites: ELE 3281 for Early Childhood Option; ELE 3280 for General and Middle School options; concurrent enrollment in ELE 3290 and 3340, or permission of department chairperson.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

ENGLISH

Note: A student who enters the University with a deficiency in the basic skills in English-- reading, writing, spelling, elements of grammar and good usage-- may be required to take work in fundamental English in addition to the ENG 1001G and 1002G requirements.

Note: Students who intend to teach should realize that some school systems require of candidates for English positions a course in the teaching of reading. See MLE 4280.

Note: Except for ENG 3009G and 3099G, English courses in the General Education program do not fulfill requirements in the English major or minors.

Note: Courses in English are grouped for curriculum selection as follows (the Groups are further indicated by numbers at the end of the course descriptions):

- **Group 1--**
Required Courses: 2205***, 2601, 2901* or 3901 or 4901, 3001, 3401*, 3402*, 4300, 4390**, 4644**, 4950
- **Group 2--**
Literary/Cultural Studies: 2602, 2692, 2705, 2850, 3009G, 3099G, 3705, 3903
- **Group 3--**
Periods: English Literature before 1660: 3800, 3801, 3802, 3803, 3804, 3892
- **Group 4--**
Periods: English Literature after 1660: 3805, 3806, 3807, 3808
- **Group 5--**
Periods: American Literature: 3700, 3701, 3702, 3703, 3704

• **Group 6--**

Special Areas, Topics and Studies: 2003, 2005, 2007, 2603, 3005, 3405, 3504, 3600, 3601, 3604, 3606, 3970, 4275, 4750, 4752, 4760, 4762, 4763, 4764, 4775, 4850, 4903, 4905, 4906

*Required for Teacher Certification

**Required of Honors students only

***Concurrent or prior registration in English 2205 is strongly recommended for majors in all courses at the 2000-level and above.

Undergraduate Courses

0990 ENG. English as a Second Language I. (3-3-4) F, S. (Credit/No Credit. Does not count toward graduation. Does not count in cumulative GPA.) For students whose native language is not English. Basic review of oral and reading comprehension and expression, including basic vocabulary, sentence structure, and usage; basic oral skills in a cultural context. Prerequisite: Test of English as a Foreign Language (TOEFL) score of 500 minimum or certification at English Language Schools Level 9.

0995 ENG. English as a Second Language II. (3-2-4) F, S. (Credit/No Credit: Does not count toward graduation. Does not count in cumulative grade-point average.) For students whose native language is not English. Advanced review of Standard English usage, vocabulary, sentence structure, and paragraphing; introduction to theme writing; some work on oral skills in a cultural context. Prerequisite: ENG 0990 or Test of English as a Foreign Language (TOEFL) score of 550 minimum or certification at English Language Schools Level 9 with certification of proficiency.

1000 ENG. Fundamental English. (3-0-2) (Credit/No Credit: Does not count toward graduation. Does not count in cumulative grade-point average.) Basic review of grammar, punctuation, and spelling; writing of sentences and paragraphs. Required of students who do not meet the prerequisites for ENG 1001G.

1001G ENG. Composition and Language. (3-0-3) Graded (A, B, C, N/C) A course in the reading and writing of expressive, expository, and persuasive essays. Attention is given to effective expression, clear structure, adequate development, and documentation of sources. Prerequisite: ENG 1000 or proficiency in basic skills as determined by the English Department. **C1 900R Note: A grade of 'C' or better in ENG 1001G, ENG 1002G, and SPC 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a General Education requirement.**

1002G ENG. Composition and Literature. (3-0-3) Graded (A, B, C, N/C) A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisite: ENG 1001G. **C1 901R Note: A grade of 'C' or better in ENG 1001G, ENG 1002G, and SPC 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a General Education requirement.**

1091G ENG. Composition and Language, Honors. (3-0-3) F. Graded (A, B, C, N/C) . A course in the reading and writing of expressive, expository, and persuasive essays. Attention is given to effective expression, clear structure, adequate development, and documentation of sources. Prerequisite: Admission to the University Honors Program. **C1 900R**

1092G ENG. Composition and Literature, Honors. (3-0-3) S. Graded (A, B, C, N/C) A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisites: ENG 1001G or 1091G and admission to the University Honors Program. **C1 901R**

2003 ENG. Creative Writing: Poetry. (3-0-3) F. An introduction to the reading and writing of poetry, with class time devoted to various principles of the genre through writing exercises and workshop discussion. Prerequisite: ENG 1002G. (Group 6) **EGL 922**

2005 ENG. Creative Writing: Drama. (3-0-3) S. An introduction to the reading and writing of dramatic scenes for radio, theatre, TV, and film with class time devoted to various principles common to all dramatic writing through writing exercises and workshop discussion. Prerequisite: ENG 1002G. (Group 6) **EGL 923**

2007 ENG. Creative Writing: Fiction. (3-0-3) F. An introduction to the reading and writing of fiction with class time devoted to various principles of the genre through writing exercises and workshop discussion. Prerequisite: ENG 1002G. (Group 6) **EGL 921**

2009G ENG. Literature and Human Values 1, 2, 3, 4. (3-0-3) F. S. A study of some of the universal, recurring issues facing the individual, as they are dealt with in a selection of literary texts in English, including significant representation of third world texts. (1. Labor, Class, Power; 2. Faith, Survival, Progress; 3. Love, Hate, Obsession; 4. Race, Age, Gender.) Prerequisite: ENG 1002G.

2011G ENG. Literature, the Self and the World 1, 2, 3. (3-0-3) F, S. An in-depth study of significant works of literature IN English from diverse times and places and of the ways in which they depict possibilities of meaning, identity, and action in the world. (1: Poetry; 2: Fiction; 3: Drama.) Prerequisite: ENG 1002G.

2091G ENG. Literature, the Self, and the World 1, 2, 3, Honors. (3-0-3) On demand. An in-depth study of significant works of literature in English from diverse times and places and of the ways in which they depict possibilities of meaning, identity, and action in the world. (1: Poetry; 2: Fiction; 3: Drama.) Prerequisites: ENG 1002G or 1092G and admission to the University Honors Program.

2099G ENG. Literature and Human Values 1, 2, 3, 4, Honors. (3-0-3) On demand. A study of some of the universal, recurring issues facing the individual, as they are dealt with in a selection of literary texts in English, including significant representation of third world texts. (1. Labor, Class, Power; 2. Faith, Survival, Progress; 3. Love, Hate, Obsession; 4. Race, Age, Gender.) Prerequisites: ENG 1002G or 1092G and admission to the University Honors Program.

2205 ENG. Introduction to Literary Studies. (3-0-3) F, S. A study of fundamental issues underlying literary criticism and interpretation focusing on literary works, diverse critical practices, and historical backgrounds of critical strategies. Required of English Majors, open to others. Prerequisite: ENG 1002G. (Group 1)

2601 ENG. Backgrounds of Western Literature. (3-0-3) F, S. A reading of major world masterpieces through the Renaissance, works that lie behind literature in English, by such writers as Homer, Sappho, Sophocles, Plato, Virgil, Ovid, Chretien de Troyes, Dante, Rabelais, Cervantes. Required of English majors, open to others. Prerequisite: ENG 1002G. (Group 1)

2602 ENG. World Literature since the Renaissance. (3-0-3) S. Emphasis on such writers as Racine, Voltaire, Goethe, Sand, Baudelaire, Flaubert, Dostoevsky, Ibsen, Tolstoy, Borges, Garcia Marquez, Achebe, Soyinka. Prerequisite: ENG 1002G. (Group 2)

2603 ENG. Mythology. (3-0-3) F, S. The myths, chiefly Greek and Roman, most often retold, interpreted, or alluded to by the writers and literary critics of Western Europe and America. Prerequisite: ENG 1002G. (Group 6)

2692 ENG. World Literature since the Renaissance, Honors. (3-0-3) On demand. Emphasis on such writers as Racine, Voltaire, Goethe, Sand, Baudelaire, Flaubert, Dostoevsky, Ibsen, Tolstoy, Borges, Garcia Marquez, Achebe, Soyinka. Prerequisites: ENG 1002G or 1092G and admission to the University Honors Program. (Group 2)

2705 ENG. African-American Literature. (3-0-3) F. The major writers of African-American literature, with emphasis on such writers as Douglass, Hurston, Hughes, Wright, Ellison, Baldwin, Baraka, Morrison, Walker, Wilson. Prerequisite: ENG 1002G. (Group 2)

- 2850 ENG. Post-Colonial Literatures in English. (3-0-3) S.** Introduction to African, Indian and West Indian literatures in their socio-cultural and historical contexts; examination of concepts of culture, civilization, colonization and independence; English as a global language, including such authors as Achebe, Gordimer, Naipaul, Narayan and Rushdie. Prerequisite: ENG 1002G. (Group 2) **EGL 919**
- 2901 ENG. Structure of English. (3-0-3) F, S.** An introduction to the English language: its sounds and word forms, the parts of speech and their functions, basic sentence structures and their diagrams, stylistic patterns, standard and nonstandard dialects, viewed according to traditional and modern grammars. Prerequisite: ENG 1002G. (Group 1)
- 3001 ENG. Advanced Composition. (3-0-3)** Advanced application of the principles of expository writing. Attention to development of an individual style. Required of English majors, open to others. Prerequisite: ENG 1002G. (Group 1)
- 3005 ENG. Technical Communication. (3-0-3) F, S.** Practice and instruction in the forms and processes of technical writing. Designed especially for those who plan to work for business, professional, or technical organizations or in the field of technical communications. Basic word processing skills recommended. Prerequisite: ENG 1002G. (Group 6)
- 3009G ENG. Myth and Culture. (3-0-3) F, S.** Through comparative analysis of myths from selected cultural traditions, the course will examine relationships among mythical, historical, anthropological and scientific ways of understanding. Prerequisites: ENG 1001G and ENG 1002G. (Group 2)
- 3010G ENG. Literary Masterworks. (3-0-3) F, S.** An analysis of selected masterworks from the Western cultural tradition that shape for us the identity of the culture and period to which they belong and that represent the great diversity within the tradition. Prerequisites: ENG 1001G and ENG 1002G.
- 3090G ENG. Literary Masterworks, Honors. (3-0-3) On demand.** An analysis of selected masterworks from the Western cultural tradition that shape for us the identity of the culture and period to which they belong and that represent the great diversity within the tradition. Prerequisites: ENG 1002G or ENG 1092G and admission to the University Honors Program.
- 3099G ENG. Myth and Culture, Honors. (3-0-3) On demand.** Through comparative analysis of myths from selected cultural traditions, the course will examine relationships among mythical, historical, anthropological, and scientific ways of understanding. Prerequisites: ENG 1002G or ENG 1092G and admission to the University Honors Program. (Group 2)
- 3100G ENG/PHI. Cultural Foundations I. (3-0-3) F, S.** An in-depth look at three cultural foundations, two Western and one African. The course examines societies and values by exploring primary texts in literature, philosophy, and religion. Prerequisites: ENG 1001G, ENG 1002G.
- 3110G ENG/PHI. Cultural Foundations II. (3-0-3) S.** An in-depth look at three significant Eastern cultural foundations. The course examines societies and values by exploring primary texts in literature, philosophy and religion. Prerequisites: ENG 1001G and ENG 1002G.
- 3401 ENG. Methods of Teaching Composition in the Secondary School. (3-0-3) F, S.** Approaches to the teaching of composition in junior and senior high school. Electronic interaction with secondary student writers fulfills 10 hours of site-based and 10 hours of laboratory pre-clinical experience. Prerequisites: ENG 2901, 3001; SED 3330 and EDP 3325; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. (Group 1)
- 3402 ENG. Methods of Teaching Literature in the Secondary School. (3-0-3) F, S.** Approaches to the teaching of literature in junior and senior high school. Includes 5 on-site hours and 10 laboratory hours of pre-clinical experience. Prerequisites: ENG 1002G, EDP 3325, and SED 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. (Group 1)
- 3405 ENG. Children's Literature. (3-0-3) F, S.** Emphasizes wide acquaintance with the great bodies of world literature, myth, legend, etc., and with the best poetry for children. Prerequisite: ENG 1002G. (Group 6)
- 3504 ENG. Film and Literature. (2-2-3) F, S.** Practical and theoretical relations between film and literature. May be taken as many as three times with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: ENG 1002G. (Group 6)
- 3600 ENG. The Bible as Literature. (3-0-3) S.** Types of literature in the Old and New Testaments. Prerequisite: ENG 1002G. (Group 6)
- 3601 ENG. Studies in Major Figures. (3-0-3) On demand.** Studies in-depth of major figures in British, American, and world literature with no more than three figures studied in any one semester. Topics to be announced. May be taken as many as three times with permission of the department chairperson and the Dean, College of Arts and Humanities. Prerequisite: ENG 1002G. (Group 6)
- 3604 ENG. Special Topics in Literature. (3-0-3) On demand.** Special topics in British, American, and world literature not ordinarily treated in standard courses. Topics to be announced. May be taken as many as three times with permission of the department chairperson and the Dean, College of Arts and Humanities. Prerequisite: ENG 1002G. (Group 6)
- 3606 ENG. Modern Drama. (3-0-3) F.** Analysis and discussion of drama from Ibsen to the present, emphasizing major theatrical developments and including such authors as Chekhov, Shaw, O'Neill, Brecht, Hansberry, Pinter, and Churchill. Prerequisite: ENG 1002G. (Group 6)
- 3700 ENG. Colonial American Literature. (3-0-3) F.** American literature from 1450 to 1800, with emphasis on such writers as Bradford, Bradstreet, Rowlandson, Franklin; also slave narratives and Native American poetry. Prerequisite: ENG 1002G. (Group 5)
- 3701 ENG. American Romanticism. (3-0-3) S.** American literature from 1800 to the mid-19th century, with emphasis on such writers as Rowson, Brown, Stowe, Fuller, Douglass, Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Dickinson. Prerequisite: ENG 1002G. (Group 5)
- 3702 ENG. American Realism. (3-0-3) F.** American literature from the mid-19th century to 1900, with emphasis on such writers as Davis, Twain, Howells, James, Gilman, Chopin, Jewett, Crane, Dreiser, Wharton, Frost, Cather. Prerequisite: ENG 1002G. (Group 5)
- 3703 ENG. Modern American Literature. (3-0-3) S.** American literature from 1900 to 1950, with primary attention to such writers as Hemingway, Eliot, Stevens, W.C. Williams, Moore, Faulkner, O'Neill, Ellison, Bellow, Morrison. Prerequisite: ENG 1002G. (Group 5)
- 3704 ENG. Contemporary American Literature. (3-0-3) F.** American drama, poetry and fiction from 1950 to the present, with emphasis on such writers as Miller, Bishop, Ginsberg, Plath, Bellow, Vonnegut, Shephard, Sanchez, and Morrison. Prerequisite: ENG 1001G. (Group 5)
- 3705 ENG. American Multicultural Literatures. (3-0-3) S.** A study of American multicultural literatures from 1700 to the present, featuring African-American, Asian-American, Native-American, Latino/a writers, and immigrant American writers, with emphasis on race, ethnicity, class, gender, and sexuality. Prerequisites: ENG 1001G, ENG 1002G. (Group 2)

3800 ENG. Medieval English Literature. (3-0-3) F. A survey of representative medieval texts with an emphasis on Middle English. Prerequisite: ENG 1002G. (Group 3)

3801 ENG. Chaucer. (3-0-3) S. Study of *The Canterbury Tales* and Chaucer's other major works of poetry and prose. Prerequisite: ENG 1002G. (Group 3)

3802 ENG. Shakespeare. (3-0-3) S. A study of representative comedies, histories, tragedies, romances. Prerequisite: ENG 1002G. (Group 3)

3803 ENG. Renaissance and Seventeenth-Century Literature. (3-0-3) S. A broad survey of representative non-Shakespearean literature of the English Renaissance to 1660, with primary attention to such writers as More, Sidney, Spenser, Kyd, Marlowe, Donne, Jonson, Bacon, Webster, Herbert, Marvell, Browne, Phillips, Wroth. Prerequisite: ENG 1002G. (Group 3)

3804 ENG. Milton. (3-0-3) F. Study of *Paradise Lost* and Milton's other major works of poetry and prose. Prerequisite: ENG 1002G. (Group 3)

3805 ENG. Restoration and Eighteenth-Century English Literature. (3-0-3) F. Selected works with primary attention to such writers as Wycherley, Behn, Rochester, Dryden, Swift, Pope, Fielding, Sterne, Johnson, Goldsmith, Gray, Burney, Sheridan. Prerequisite: ENG 1002G. (Group 4)

3806 ENG. English Romantic Literature. (3-0-3) F. Precursors of English Romanticism and such writers as Blake, Wordsworth, Coleridge, Austen, Byron, P.B. Shelley, M. Shelley, Keats. Prerequisite: ENG 1002G. (Group 4)

3807 ENG. Victorian Literature. (3-0-3) S. Representative works, with primary attention to such writers as Carlyle, E.B. Browning, Tennyson, R. Browning, C. Bronte, Dickens, Eliot, Arnold, Hardy. Prerequisite: ENG 1002G. (Group 4)

3808 ENG. Twentieth-Century British Literature. (3-0-3) S. Representative works with primary attention to such writers as Shaw, Conrad, Joyce, Yeats, Woolf, Lawrence, Mansfield, Thomas, Lessing, Rushdie. Prerequisite: ENG 1002G. (Group 4)

3892 ENG. Shakespeare, Honors. (3-0-3) On demand. A study of representative comedies, histories, tragedies, romances. Prerequisites: ENG 1002G and admission to the Departmental Honors Program or permission of the Department chairperson. (Group 3)

3901 ENG. Language and Linguistics. (3-0-3) S. A study of kinds of language and linguistic approaches: phonological, syntactic, and semantic analysis; historical, geographic, and social variation; human and non-human language systems. Prerequisite: ENG 1002G. (Group 1)

3903 ENG. Women, Literature, and Language. (3-0-3) On demand. Special topics, not ordinarily treated in standard courses, in the role of women in literature and in the use of language. Topics to be announced. May be taken as many as three times with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: ENG 1002G. (Group 2)

3970 ENG. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4275 ENG. Internship in Professional Writing. (Arr.-Arr.-4) (Credit/No Credit) Practical experience in the local community to allow the student to apply and develop, outside the traditional classroom, the skills learned in English courses. Prerequisites: ENG 1002G and permission of the Director of the Internship. (Group 6)

4300 ENG. Senior Seminar. (3-0-3) F, S. Major topics in British, American, and world literature and language, with topics varying each semester. Topics to be announced. Required of and

enrollment limited to English majors. Prerequisite: ENG 1002G. (Group 1)

4390 ENG. Senior Seminar, Honors. (3-0-3) F. Major topics in British, American, and world literature and language, with varying topics to be announced. Required of and enrollment limited to English majors in the Departmental Honors Program. Prerequisites: Admission to the Departmental Honors Program, senior standing, and permission of the Departmental Honors Coordinator. (Group 1)

4644 ENG. Honors Thesis. (3-0-3) Intensive research in preparation of a thesis on a topic in English approved by a faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. (Group 1)

Courses Open to Juniors, Seniors, and Graduate Students

4750 ENG. Studies in African-American Literature. (3-0-3) S. Study in-depth of various genres, movements, periods, and major writers in African-American literature. Only one genre, movement, or period or only two or three major writers will be studied during any semester. Topics to be announced. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: ENG 1002G. (Group 6)

4752 ENG. Studies in Drama. (3-0-3) S. In-depth study of major periods, subgenres, movements, or writers important in understanding dramatic literature and performance. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: ENG 1002G. (Group 6)

4760 ENG. Writing for the Professions. (3-0-3) F. Intensive application principles of technical writing for professional publication and communication. Designed especially to serve the needs of pre-professional and graduate students. Prerequisite: ENG 3001. (Group 6)

4762 ENG. Poetry Writing. (3-0-3) S. Extensive practice in the writing and of revising of poetry, with an emphasis on the development of the student's individual style. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisites: ENG 1002G and 2003 or, with permission of instructor, 2005 or 2007. (Group 6)

4763 ENG. Fiction Writing. (3-0-3) S. Extensive practice in the writing and revising of prose fiction, with an emphasis on the development of the student's personal style. Each student will have the option of writing several short stories or one novella. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisites: ENG 1002G and 2007 or, with permission of instructor, 2003 or 2005. (Group 6)

4764 ENG. Play Writing. (3-0-3) F. Advanced practice and instruction in dramatic writing. Though the course will review the basic elements common to all dramatic writing, it will allow the students to concentrate on the media of their choice: radio, theatre, TV, or film. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisites: ENG 1002G and 2005 or, with permission of instructor, 2003 or 2007. (Group 6)

4775 ENG. Studies in Literary Criticism. (3-0-3) F. Basic principles of evaluating the standard literary genres, or tenets of a specific school of criticism, or the examination of major aesthetic questions. Topics to be announced. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: ENG 1002G. (Group 6)

4850 ENG. Studies in Third World Literatures. (3-0-3) F. Focused study of major region, theme or writers in nonwestern or third world literatures. Readings are studied in their socio-cultural

and historical contexts. May be taken twice with permission of the Department chairperson and the Dean, College of Arts and Humanities. Prerequisite: ENG 1002G. (Group 6)

4901 ENG. History of the English Language. (3-0-3) F. Historical, geo-geographic, and social dialects of English; phonological changes and other alterations in the structure and vocabulary of the English language. Prerequisite: ENG 1002G. (Group 1)

4903 ENG. Young Adult Literature. (3-0-3) S. A course in literature written for and about adolescents. The course emphasizes cultural history of adolescence and problems of defining the literature. Prerequisite: ENG 1002G. (Group 6)

4905 ENG. Studies in Children's Literature. (3-0-3) On demand. Studies in-depth of some aspect of children's literature. Topics to be announced. May be taken twice with permission of the department chairperson and the Dean, College of Arts and Humanities. Prerequisite: ENG 1002G. (Group 6)

4906 ENG. Problems in the Teaching of English. (3-0-3) On demand. Advanced methods course on various topics, such as the teaching of composition, the teaching of literature, the teaching of language. Topics to be announced. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisites: ENG 1002G and 3401 or 3402 or permission of the instructor. (Group 6)

4950 ENG. Literary History and Bibliography. (3-0-3) F, S. A historical study of British and American literary periods, schools, figures, and genres; and a basic introduction to research and bibliography. Required of and enrollment limited to English majors. Prerequisite: ENG 1002G. (Group 1)

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

FAMILY AND CONSUMER SCIENCES

Undergraduate Courses

1120 FCS. Food Selection and Preparation. (2-2-3) F, S. Food selection considerations and basic food preparation practices.

1121 FCS. Food Service Sanitation. (1-0-1) F, S. Food production and food service sanitation and safety standards and regulations for food service operations including food storage, food handling practices and food borne illnesses.

1800 FCS. Life Span Human Development. (3-0-3) F, S. Growth and development of the individual from conception through senescence. Influence of family and society on individual development in each stage of the life cycle.

2100 FCS. Nutrition in a Global Society. (3-0-3) Study of the impact of individual food behaviors on the nutritional status of individuals, families, and the global society and the identification of behavior change strategies to positively influence health outcomes.

2140 FCS. Quantity Food Production. (2-2-3) F, S. Practical experience in quantity food production, menu planning, recipe standardization and quality improvement. Prerequisites: FCS 1120, FCS 1121, and FCS 2100.

2190 FCS. Nutrition in a Global Society, Honors. (3-0-3) F. Study of the impact of individual food behaviors on the nutritional status of individuals, families, and the global society and the identification of behavior change strategies to positively influence

health outcomes. Prerequisite: Admission to the University Honors Program.

2231 FCS. Sociology of Clothing. (3-0-3) F. Significance of sociological logical and psychological reasons for clothing selection; political and economic trends affecting clothing.

2232 FCS. Historic Costume and Fashion Analysis. (3-0-3) S. A historic study of costume (apparel) design and production development as related to current fashion.

2233 FCS. Fashion Distribution Systems. (3-0-3) F. Analysis of businesses that distribute and sell both hard and soft lines of fashion goods; emphasis on identification of target customers, organizational structure, promotional activities, and human resource considerations for these types of businesses.

2234 FCS. Principles of Clothing Construction. (0-6-3) F, S. A study of basic principles of clothing construction processes.

2244 FCS. Consumer Textile Products. (2-0-2) F, S. A study of family clothing and common household and commercial textile products as they relate to the consumer.

2250 FCS. Consumer Technology. (3-0-3) F, S. Effective selection, utilization, and maintenance of equipment for users within residential and institutional environments; impact of technology, changing lifestyles, environmental factors, industry activities, and economic issues within the global community.

2270 FCS. Housing. (3-0-3) F, S. Effect of housing on individuals and families; emphasis on housing selection as determined by needs, resources, legal, and financial aspects.

2800 FCS. Family Relationships. (3-0-3) F, S. Study of the family as the basic unit of society; personal relationships, and family interaction throughout the family life cycle.

2831 FCS. Women in Contemporary Society. (3-0-3) F, S. An interdisciplinary study of the emergence of women as a viable force in contemporary society.

2850 FCS. Child Development. (3-0-3) F, S. The physical, intellectual, social, and emotional development of the pre-school child.

3120 FCS. Food Science. (2-4-4) S. Scientific principles underlying food preparation and processing; principles of experimental methodology as applied to food science. Prerequisites: CHM 2430/2435, FCS 1120, FCS 1121, and MAT 2250G.

3151 FCS. Community Nutrition. (3-0-3) F. Factors influencing human nutrition needs and eating patterns and related counseling and educational techniques for use in the community setting. Prerequisite: FCS 2100.

3233 FCS. Fashion Buying. (3-0-3) S. Analysis of the buying of fashion in the areas of clothing and home furnishings. Emphasis on decision-making applications to merchandise assortment, pricing, inventory control, and profit. Prerequisites: FCS 2233 and BUS 2101.

3245 FCS. Textiles. (3-0-3) S. The study of fibers, methods of fabricating textiles, and finishes on the market. Prerequisite: FCS 2244.

3280 FCS. Interior Design. (3-0-3) F, S. Study of design, construction, selection, and arrangement of furnishings for residential spaces considering different life styles.

3300 FCS. Consumer Education. (3-0-3) F, S. A study of factors affecting the buymanship of food, clothing, housing, transportation, credit, and insurance. Credit not granted for both FCS 3300 and CTE 3000.

3307 FCS. Family Resource Management. (3-0-3) F, S. A study of planning, guiding, and directing the use of human and material resources toward individual and family goal achievement.

3750 FCS. Independent Study in Family and Consumer Sciences. (1-0-1) or (2-0-2) or (3-0-3) Provides opportunity for in-depth study of family and consumer sciences subjects for which there is not an established course. May be taken for credit only once. Prerequisites: Prior approval by the instructor and the chair.

3755 FCS. Physiological Nutrition. (3-0-3) S. Concepts of normal human nutrition with emphasis on classification and metabolism of nutrients. Prerequisites: FCS 2100, CHM 1410 and 1415, and BIO 2001G.

3790 FCS. The Hospitality Industry. (3-0-3) F. Overview of the hospitality industry with focus on history, career opportunities, maintaining industry standards, and organizational structures of various types of hospitality ventures.

3796 FCS. Hospitality Operations. (3-0-3) F, S. Integration of hospitality industry operations with emphasis on concepts and application of hospitality managerial accounting to hospitality operations, evaluations and decision making. Prerequisites: BUS 2101 and FCS 3790.

3800 FCS. Family Life and Sex Education. (3-0-3) F, S. To prepare professionals such as family service personnel, educators, and parents to work with individuals and families at various stages in the family life cycle in the area of family life and sex education.

3820 FCS. The Family in Social Change. (2-0-2) F. The study of social change in the family and recent trends in family life and family life education. Prerequisite: FCS 2800 or permission of the instructor.

3853 FCS. Practicum in Child Development. (1-4-3) F, S. A laboratory experience focused on the physical, emotional, social, and cognitive development of the older toddler and preschool-age child. Includes program organization, child and group guidance, parent-teacher relationships, naturalistic observation, and child study. Prerequisite: FCS 2850 or ELE 2320 or 2321 or PSY 3515 or permission of the instructor.

3920 FCS. Communications in Family and Consumer Sciences. (2-0-2) S. Techniques and skills in communicating family and consumer sciences ideas, attitudes, and subject matter with individuals and groups.

3926 FCS. Consumer Presentation Techniques. (3-0-3) F, S. Development of visual merchandising techniques, production of written and verbal information materials for consumers, and presentation techniques. Prerequisites: FCS 3920 and junior standing, or consent of the instructor.

4150 FCS. The Profession of Dietetics. (1-0-1) F. An overview of the field of dietetics, including an in-depth look at the numerous opportunities in dietetics and the application process for the post-baccalaureate dietetic internship. Prerequisite: Completion of 75 hours.

4230 FCS. Special Topics in Family and Consumer Sciences. (1-0-1) or (2-0-2) or (3-0-3) On demand, primarily summer. Study of special topics and emerging areas in family and consumer sciences not usually covered in other courses. Study may include readings, reports, and group discussions. May be repeated for credit if a different topic is taught. Prerequisite: Permission of the instructor.

4235 FCS. International Special Topics in Family and Consumer Sciences. (1-0-1) or (2-0-2) or (3-0-3) On demand. Focused study of international topics in foods/nutrition, family studies, consumer affairs, housing, and/or other areas related to family and consumer sciences with variable course content. Intended to provide international focus and in-depth study of current topics not covered in

other courses. May be repeated for credit if a different topic is taught. Prerequisite: Permission of the instructor.

4238 FCS. Principles of Pattern Design. (0-6-3) S. Principles of designing clothing and the translation of these designs into an original pattern. Prerequisite: FCS 3235 or permission of the instructor.

4274 FCS. Orientation to Internship. (1-0-1) (Credit/No Credit) F, S. Preparation for the internship experience; includes pre-field preparation and securing of an internship placement.

4275 FCS. Internship. (Arr.-Arr.-3 to 9) (Credit/No Credit) An individually-planned work experience in a business or agency appropriate to the student's area of specialization. Prerequisites: FCS 4274, junior standing, permission of the Chair of the School of Family and Consumer Sciences, and acceptance of the student by a business or agency.

4300 FCS. Consumer Issues. (2-0-2) F, S. Current issues and problems confronting individuals and families in managing their resources.

4340 FCS. Conventions and Trade Shows. (3-0-3) Su, F. Organization, arrangement and operation of conventions, trade shows, and concessions. Prerequisites: BUS 2101, BUS 3470, FCS 3790, and FCS 3796.

4345 FCS. Hospitality Administration. (3-0-3) F, S. Administrative aspects of hospitality businesses with emphasis on hotels, motels, beds and breakfasts, and eco-lodges. Prerequisites: BUS 2101, BUS 3010, BUS 3470, FCS 3790, FCS 3796, FCS 4274, and FCS 4275.

4400 FCS. Directions in Family and Consumer Sciences. (2-0-2) F. Philosophy, current issues and trends, and research in family and consumer sciences. Prerequisite: Six hours of Family and Consumer Sciences.

4444 FCS. Honors Independent Study. (Arr.-Arr.-3) Consideration of special topics in family and consumer sciences. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4555 FCS. Honors Research. (Arr.-Arr.-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644 FCS. Honors Thesis. (Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in family and consumer sciences approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4750 FCS. Advanced Human Nutrition. (3-0-3) S. Emphasis on biochemical functions of nutrients in the study of human nutrition. Prerequisites: CHM 1310G, 1315G, 1410, 1415, 2430, 2435, and 3450; FCS 2100 and 3755; and BIO 2001G; or permission of instructor.

4751 FCS. Nutrition Therapy. (4-0-4) F. Application of the science of nutrition to the maintenance of optimum health and the role of nutrition in the prevention and treatment of disease. Prerequisites: CHM 2430/2335, FCS 2100, FCS 3151, and FCS 3755.

4753 FCS. Nutrition and the Addicted Person. (1-0-1) S. Consideration of nutrition needs and eating problems of addicted

persons; nutrition management and treatment plans. Prerequisite: FCS 2100.

4755 FCS. Nutrition for Physical Performance. (3-0-3) F, S. Examination of metabolism and energy systems related to physical performance. Planning optimum diets for performance. Examine/evaluate controversial practices that may influence metabolism and performance. Prerequisites: FCS 2100 and BIO 2001G.

4770 FCS. Consumer Decisions in the Marketplace. (3-0-3) F. Use of personal and family resources to improve consumer decision-making including discussion of government and business influences. Prerequisite: FCS 3300 or permission of the instructor.

4780 FCS. Living Environments. (3-0-3) S. Planning living spaces for families considering environment, design, space, and materials in relation to family needs and resources. Prerequisite: FCS 2270 or permission of the instructor.

4790 FCS. Interior Design Practices. (3-0-3) F. Creating interior spaces considering style, materials, presentation techniques, and the design process. Prerequisite: FCS 3280 or permission of the instructor.

4820 FCS. Death and Dying. (3-0-3) F, S. Issues of death and dying and their implications for individuals and their families.

4840 FCS. The Disadvantaged Family. (3-0-3) S. Low income and minority group families and their values, needs, problems, and practices. Prerequisite: FCS 2800 or permission of the instructor.

4845 FCS. The Family in Crisis. (3-0-3) F. In-depth study of major crisis situations faced by families. Some emphasis on resources that offer help to families faced with crisis situations. Prerequisite: FCS 2800 or permission of the instructor.

4846 FCS. Aging and the Family. (3-0-3) F. Aging as a phase in the family developmental process and the consequent effect. Prerequisite: FCS 2800 or permission of the instructor.

4851 FCS. Infant Development. (2-2-3) F. Study of current theories and research on infant and toddler development and care. Application of knowledge through supervised observation and participation in Family and Consumer Sciences Infant Development Laboratory.

4854 FCS. Parent-Child Study and Community Involvement. (3-0-3) S. Detailed study of parent-child interaction and community involvement; in-depth study of parent education programs, methodology, and techniques. Observations required.

4859 FCS. Administration of Child Care Programs. (3-0-3) F. Organization, administration, curricula, facilities, licensing, parent involvement/education, and types of child care programs are presented. Observation required.

4860 FCS. Addictions and the Family. (3-0-3) F. Study of the interaction effects between the addicted person and the family and significant others; educational techniques and family intervention strategies for families of addicted persons. Prerequisites: FCS 2800 and HST 4800 or permission of the instructor.

4913 FCS. Organization and Administration of Cooperative Occupational Education. (3-0-3) F. Introduction to cooperative education programs, program needs, resources, constraints, public relations, and policy development.

4923 FCS. Coordination Techniques for Cooperative Occupational Education. (3-0-3) S. Methods and techniques for preparation of teacher coordinators. Student selection, training agreements, training plans, legal requirements, related class management, individualized instruction, and program evaluation are emphasized.

4940 FCS. Food Systems Management. (3-0-3) F, S. Organization and administration of food service systems, human resource management, cost control, food purchasing, facility and equipment planning. Prerequisites: BUS 2101, BUS 3010, FCS 1120, FCS 1121, and FCS 2140.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

FINANCE

Undergraduate Courses

2710 FIN. Survey of Finance. (3-0-3) F, S. This course provides an overview of the finance function and the basic concepts of financial institutions, financial management, and investments. The course is not open to Business Majors. Prerequisite: BUS 2101.

3720 FIN. Investments. (3-0-3) F, S. The study of investment theories and practices for implementing investment goals in relation to risk-return tradeoffs. Prerequisites: BUS 3710 with a grade of C or better, BUS 2810, and admission to the School of Business or permission of the Associate Chair.

3730 FIN. Financial Markets. (3-0-3) F, S. The course provides comprehensive discussion of the financial sector including financial markets, determination of interest rates, and valuation of derivative securities. Prerequisite: BUS 3710 with a grade of C or better and admission to the School of Business or permission of the Associate Chair.

3740 FIN. Real Estate Fundamentals. (3-0-3) F, S. A study of theory and practice in real estate, with social, legal and economic implications. Prerequisites: BUS 2101, 2102, 3710 with a grade of C or better, ECN 2801G, 2802G, junior standing, and admission to the School of Business or permission of the Associate Chair.

3750 FIN. Management of Financial Institutions. (3-0-3) F, S. The management, organizational structure, regulatory environment, and risks of financial institutions. Prerequisite: BUS 3710 with a grade of C or better, and admission to the School of Business or permission of the Associate Chair.

3770 FIN. Working Capital Management. (3-0-3) F, S. The management of the short-term assets and liabilities of a business. Includes financial forecasting, banking and bank relationships, short-term sources and uses of funds. Prerequisite: BUS 3710 with a grade of C or better, and admission to the School of Business or permission of the Associate Chair.

3780 FIN. Long-Term Financial Management. (3-0-3) F, S. The management of the long-term assets and liabilities of a business. Includes capital budgeting, capital structure, cost of capital, and dividend decisions. Prerequisites: BUS 3710 with a grade of C or better and admission to the School of Business or permission of the Associate Chair.

3790 FIN. Business Financial Management, Honors. (3-0-3) A practical framework for corporate financial decision-making. Topics include: acquisition, allocation, and management of funds and asset valuation methods. Prerequisites: BUS 2102, ECN 2802G, junior standing, and admission to the College Honors Program.

3900 FIN. Risk and Insurance. (3-0-3) F, S. The study of risk management to include life, health, property, and liability insurance. Prerequisites: BUS 2102, 3710 with a grade of C or better, ECN 2802G, junior standing, and admission to the School of Business or permission of the Associate Chair.

3970 FIN. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4040 FIN. Real Estate Finance. (3-0-3) F, S. Focuses on the debt and equity structure, alternative financing techniques, and underwriting criteria for financing real property throughout the life cycle from land acquisition through disposition for common property types and ownership forms. Stresses analyses using personal computers. Prerequisites: BUS 1950, 3710 with a grade of C or better, ECN 2802G, FIN 3740, and admission to the School of Business or permission of the Associate chair.

4110 FIN. Special Topics in Finance. (3-0-3) On demand. Topics to be announced. May be repeated for different topics. Prerequisites: BUS 3710 with a grade of C or better, and admission to the School of Business or permission of the Associate Chair,

4200 FIN. Portfolio Management. (3-0-3) F, S. An introduction to constructing and managing investment portfolios. The emphasis is on maximizing investors' risk-adjusted returns through security selection and diversification. Prerequisites: FIN 3720, 3730, and admission to the School of Business or permission of the Associate Chair.

4275 FIN. Internship in Finance. (Arr-Arr.1-12) (Credit/No Credit) On-the-job experience in a phase of finance for one semester, in a firm approved by the associate chair, School of Business. Prerequisites: Admission to the School of Business or permission of the Associate Chair, and acceptance of the student by a business firm on the basis of the student's application. Up to 12 hours of internship credit may be counted for graduation.

4300 FIN. Professional Financial Planning. (3-0-3) S. A comprehensive study of financial planning for individuals. Applications software and case studies. Emphasis on using financial planning concepts and theories in developing practical financial planning strategies. Prerequisites: FIN 3720, 3730, and admission to the School of Business or permission of the Associate Chair.

4740 FIN. Independent Study. (Arr.-Arr.1-3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative GPA of 3.0 or higher; consent of the supervising instructor and approval of a completed application by the associate chair, School of Business, prior to registration; admission to the School of Business or permission of the Associate Chair.

Courses Open to Juniors, Seniors, and Graduate Students

4820 FIN. International Finance. (3-0-3) F. Financial aspects of operating multinational firms. Topics included are international markets, exchange rate theories, foreign trade financing, and both raising funds and investing resources internationally. Prerequisites: BUS 3710 with a grade of C or better, FIN 3730, ECN 3860 and admission to the School of Business or permission of the Associate Chair.

4830 FIN. Current Issues in Finance. (3-0-3) F, S. A seminar approach to studying the contemporary issues of concern in the fields of corporate finance, investments, and financial markets and institutions. Prerequisites: BUS 3710 with a grade of C or better, FIN 3720, 3730, 3770, 3780.

FOREIGN LANGUAGES

Conversational Courses, 1001 and 1002

As part of its comprehensive course listings, the Department of Foreign Languages offers two conversational courses in French, German, and Spanish. These are numbered 1001 and 1002 and are two semester hours each. They are Credit/No Credit only and are not counted against the Credit/No Credit option limit of courses. Eligibility for enrollment is as follows:

French, German, Spanish: FLF, FLG, FLS

1001. These courses are primarily for beginners. However, a student with up to but no more than one year of high school study in

the language chosen may enroll. A student with any college credit in a language may not take 1001 in that language.

1002. This course is primarily for those students who have completed 1001. However, a student with one or two years of high school language study may also enroll. A student with any college credit other than 1001 may NOT take 1002.

Note: For enrollment in other language courses after earning credit in one or more of the C/NC courses above, consult department chairperson.

Placement

A student who wishes to continue the study of a language begun in high school should enroll in an appropriate language course as indicated below. If previous language study was not recent, placement at a lower level may be more appropriate. Permission is required from the department chairperson.

High School Units

Less than 2 years	Elementary 1101
2 years	Elementary 1102
3 years	Intermediate 2201G
4 years	Intermediate 2201G, 2202G, or 3000 level
4+ years	Intermediate 2202G or 3000 level

Advanced Competency Credit Policy

Advanced Competency Credit is credit toward graduation for previously acquired language proficiency. It is available in French, German and Spanish only.

1. To be eligible a student must apply for Advanced Competency Credit during the first semester he or she is enrolled in a foreign language course.
2. A transfer student who took language courses at another institution and received college credit for these courses will not be eligible for Advanced Competency Credit in those languages.
3. Advanced Competency Credit will be granted as follows:

A student beginning at the 1102 level and completing eight semester hours of course work with a grade of C or better in each course will be granted four semester hours of advanced competency credit.

A student beginning at the 2201G or higher level and completing eight semester hours of course work with a grade of C or better in each course will be granted six semester hours of advanced competency credit.

Independent study courses, courses taken credit/no credit, and courses for which Advanced Placement Credit has been granted may not be included in the total required to qualify.

Qualifying courses should be taken consecutively or concurrently unless approval for another arrangement is obtained from the department chairperson.

FOREIGN LANGUAGES

Undergraduate Courses

Taught in English

2050 FLE. Comparative Language Structures. (3-0-3) F. Introduction to phonetics, morphology and lexicology with emphasis on French, German, Latin and Spanish. No prerequisite, but Foreign Languages 1102 or equivalent is recommended.

2061G (3061) FLE. German Literature in Translation. (3-0-3) F, S, or SU. This course is designed to introduce students to a representative sample of German literature and literary movements from 1750 to 1950. Prerequisites: ENG 1001G and ENG 1002G.

2062G (3061) FLE. Hispanic Literature in Translation. (3-0-3) F, S, or SU. This course is a survey of representative works of

Hispanic Literature in English translation. Prerequisites: ENG 1001G and ENG 1002G.

2063G FLE. Francophone Literature in Translation. (3-0-3) F, S, or SU. A survey of representative works, literary movements and their cultural implications from Francophone literature around the world presented in English translation. Prerequisites: ENG 1001G and ENG 1002G.

3000 FLE. Media and Global Communication. (3-2-3) On demand. Students will be introduced to a wide variety of global electronic media including the World Wide Web. In addition to learning basic research and navigational skills, students will create a multimedia presentation, a training program, or a web-site as part of their department portfolio. Prerequisites: ENG 1001G and ENG 1002G. Three years of high school language (or concurrent enrollment in 2201G or above).

3050 FLE. Culture and Language in the French-Speaking World. (3-0-3) On demand. Students will be introduced to French-speaking communities throughout the world. This course will examine the diverse factors throughout history that have created these *Francophone* communities and some of the contemporary threats to their cohesion and growth. Prerequisites: ENG 1001G and ENG 1002G.

3400 FLE. Methods of Teaching Foreign Language. (3-0-3) S. Thirty clock hours in pre-student teaching are required. Prerequisites: EDP 3325 and SED 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3950 FLE. Introduction to Historical Linguistics. (3-0-3) Alternate years. Introduction to historical and comparative linguistics with emphasis on the Indo-European languages. Prerequisite: Foreign Languages 2202G, ENG 3901 or consent of instructor.

4400 FLE. Independent Study in Foreign Languages. (Arr.-Arr.-1-3) Intensive individual study of a topic selected by the student in collaboration with the instructor in a foreign language in which no advanced courses are offered. Prerequisite: consent of instructor. May be taken twice with permission of department chairperson.

French

1101 FLF. Elementary French I. (4-0-4) F, S. First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. No more than one year high school French allowed without permission of department chairperson.

1102 FLF. Elementary French II. (4-0-4) F, S. Second semester of a two-semester course in which speaking, listening, reading, writing, and culture are emphasized. Use of language laboratory. Prerequisite: FLF 1101 or equivalent. No more than two years of high school French allowed without permission of department chairperson.

2201G, 2202G FLF. Intermediate French I, II. (4-0-4 each course) 2201G-F, S; 2202G-F, S. Review of grammar; exercise in composition and conversation; reading of selected material. Use of the language laboratory. Prerequisites: For FLF 2201G, French 1102 or three years of high school French; for FLF 2202G, French 2201G or three years of high school French or permission of the department chairperson. **H1 900**

3220 FLF. French for Business. (3-2-3) On demand. This course is an integrated, applied language program that targets business and technology from an everyday life perspective. All four language skills are stressed (reading, writing, listening, and speaking) within an authentic matrix of French and *francophone* culture. Prerequisite: FLF 2202G or the equivalent.

3300 FLF. French Phonetics. (3-0-3) On demand. Systematic drills used to increase the student's knowledge of the phonological structure of French and to eliminate errors caused by the

interference of the student's native English. Prerequisite: FLF 2202G or permission of the department chairperson.

3301 FLF. French Conversation. (3-0-3) On demand. Consolidation grammatical and phonological principles through their application in oral expositions. Prerequisite: FLF 2202G or permission of the department chairperson.

3302 FLF. French Advanced Grammar. (3-0-3) On demand. A study of some of the problems in French speaking and writing faced by English speakers and writers. Prerequisite: FLF 2202G or permission of the department chairperson.

3304 FLF. French Civilization. (3-0-3) On demand. A contrastive study of certain aspects of contemporary French and American culture. Prerequisite: FLF 2202G or permission of the department chairperson.

3305 FLF. French Literature I. (3-0-3) On demand. Survey of French literature from the Middle Ages to the eighteenth century. Prerequisite: FLF 2202G or permission of the department chairperson.

3306 FLF. French Literature II. (3-0-3) On demand. Survey of French literature from the eighteenth century to the present. Prerequisite: FLF 2202G or permission of the department chairperson.

3401 FLF. Cadet Teaching. (Arr.-Arr.-1-3) Observation and supervised micro-teaching in the French business world. Prerequisite: FLF 3000, its equivalent, or permission of the department chairperson.

3820 FLF. French Composition and Stylistics. (3-0-3) On demand. A study of basic principles essential for effective formal and informal writing in French. Prerequisite: FLF 2202G or permission of the department chairperson.

3970 FLF. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4100 FLF. Topics in Francophone Cultures. (3-0-1-3) On demand. Special topics in French and Francophone cultures not ordinarily treated in standard courses. Topic and outlines of course will vary. Prerequisites: Six credits beyond FLF 2202G or consent of department chairperson. Course may be taken twice with consent of department chairperson.

4200 FLF. Topics in Francophone Literatures. (3-0-1-3) Alternate years. Special topics in French and Francophone literatures not ordinarily treated in standard courses. Topic and outline of course will vary. Prerequisites: Six credits beyond FLF 2202G or consent of department chairperson. Course may be taken twice with consent of department chairperson.

4275 FLF. Internship. (Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or nationally based language learning experience in which the student applies and develops skills learned in French courses outside the traditional classroom. No more than four semester hours may be counted toward the major or three semester hours toward the minor in the language in lieu of Advanced Conversation courses. Prerequisites: Two years of a college-level foreign language and FLF 3301 or 3302, or a score of "intermediate-high" according to ACTFL guidelines; permission of the department chairperson.

4400 FLF. Independent Study. (Arr.-Arr.-1-3) Intensive individual study of a topic in French, selected by the student in collaboration with the instructor and under the general supervision of the instructor. Note: A maximum of three semester hours of credit may be applied to the major or minor in French. Prerequisite: Permission of the department chairperson. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages.

4401 FLF. French Novel I. (3-0-3) On demand. Selected novels from Mme. de La Fayette to Balzac. Prerequisite: Three years of college French or permission of the department chairperson.

4402 FLF. French Novel II. (3-0-3) On demand. Selected novels from Stendhal to the present. Prerequisite: Three years of college French or permission of the department chairperson.

4444 FLF. Honors Independent Study. (Arr.-Arr.-3) Intensive study and writing on topics in foreign language, literature and culture approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the department chairperson.

4644 FLF. Honors Thesis. (Arr.-Arr.-3) Intensive research and preparation of a thesis on a topic in foreign language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the department chairperson.

4666 FLF. Honors Seminar. (3-0-3) Reading, writing and discussion on selected topics in foreign language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4760 FLF. French Drama. (3-0-3) On demand. French drama from the fifteenth century to the present.

4770 FLF. French Poetry. (3-0-3) On demand. Selected authors from Villon to the present.

German

1101 FLG. Elementary German I. (4-0-4) F, S. First semester of a two-semester course in speaking, listening, reading, writing, and culture are emphasized.

1102 FLG. Elementary German II. (4-0-4) F, S. Second semester of a two-semester course in which speaking, listening, reading, writing, and culture are emphasized. Prerequisite: FLG 1101 or equivalent.

2201G, 2201G FLG. Intermediate German I, II. (4-0-4 each course) 2201G-F; 2202G-S. Review of grammar practice on conversation and composition, reading of selected materials. Use of language lab required. Prerequisite: For FLG 2201G, FLG 1102 or three years of high school German; for FLG 2202G, FLG 2201G, four years of high school German or permission of the department chairperson. H1 900

3101 FLG. German Conversation and Composition I. (3-1-3) F. First semester of a two-semester course of conversation and composition. Weekly *Kaffeestunde*. Prerequisite: FLG 2202G or equivalent.

3102 FLG. German Conversation and Composition II. (3-1-3) S. Second semester of a two-semester course of conversation and composition. Weekly *Kaffeestunde*. Prerequisite: FLG 3101 or equivalent.

3200 FLG. German Culture and Civilization. (3-0-3) F or S. Prerequisite: FLG 2202G or permission of the department chairperson.

3303 FLG. German Linguistics. (3-0-3) On demand. Systematic drills used to build the student's knowledge of the structure of German and to eliminate errors caused by the patterns of the student's native English. Prerequisite: FLG 2202G or permission of the department chairperson.

3310 FLG. Survey of German Literature I. (3-0-3) On demand. Survey of German literature to 1700. Prerequisite: Three years of college German or permission of the department chairperson.

3311 FLG. Survey of German Literature II. (3-0-3) On demand. Survey of German literature from 1700 into the twentieth century. Prerequisite: Three years of college German or permission of the department chairperson.

3315 FLG. German Lyrics and Ballads. (3-0-3) On demand. Prerequisite: FLG 2202G or permission of the department chairperson.

3330 FLG. German for Business. (3-0-3) On demand. Practice in oral and written communication for the business world; conventions of letter writing, banking, import/export and other commercial transactions. Prerequisite: FLG 3301, or three years of high school German, or equivalent.

3970 FLG. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4275 FLG. Internship. (Arr.-Arr.-1-4). (Credit/No Credit only) A foreign or nationally based language learning experience in which the student applies and develops skills learned in German courses outside the traditional classroom. No more than four semester hours may be counted toward the major or three semester hours toward the minor in the language in lieu of Advanced Conversation courses. Prerequisites: Two years of a college level foreign language and German 3301 or a score of "intermediate-high" according to ACTFL guidelines; permission of the department chairperson.

4400 FLG. Independent Study. (Arr.-Arr.-1-3) Intensive individual study of a topic in German, selected by the student in collaboration with the instructor and under the general supervision of the instructor. Note: A maximum of three semester hours of credit may be applied to the major or minor in German. Prerequisite: Permission of the department chairperson. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages.

4405 FLG. Topics of German Literature. (3-0-3) On demand. Prerequisite: Three years of college German or permission of the chairperson of the department. May be taken twice with permission of the department chairperson.

4444 FLG. Honors Independent Study. (Arr.-Arr.-3) Intensive study and writing on topics in foreign language, literature and culture approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the department chairperson.

4644 FLG. Honors Thesis. (Arr.-Arr.-3) Intensive research and preparation of a thesis on a topic in foreign language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the department chairperson.

4666 FLG. Honors Seminar. (3-0-3) Reading, writing and discussion on selected topics in foreign language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the department chairperson.

4740 FLG. Goethe. (3-0-3) Alternate years. In-depth study of selected works by Goethe.

Course Open to Juniors, Seniors, and Graduate Students

4750 FLG. Introduction to German Stylistics. (3-0-3) On demand. Elements of prose composition: form, style and content. Prerequisite: Three years of college German or permission of the department chairperson.

Latin

1101 FLL. Elementary Latin I. (4-0-4) F. First semester of a two-semester course in which reading and Classical Latin are emphasized.

1102 FLL. Elementary Latin II. (4-0-4) S. Second semester of a two-semester course in which reading and Classical Latin are emphasized. Prerequisite: FLL 1101G, equivalent, or consent of instructor.

2201G FLL. Intermediate Latin I. (4-0-4) F, S. Review of grammar, the Latin subjunctive, readings from selected Latin authors. Prerequisite: FLL 1101 or successful completion of 2-3 years of high school Latin or permission of the department chairperson.

2202G FLL. Intermediate Latin II. (4-0-4) F, S. Review of grammar, selected readings from Cicero, Caesar, Catullus, Virgil and Ovid. Prerequisite: FLL 2201G or 3 to 4 years of high school Latin or permission of the department chairperson. **H1 900**

Russian

1101 FLR. Elementary Russian I. (4-0-4) On demand. First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized.

1102 FLR. Elementary Russian II. (4-0-4) On demand. Second semester of a two-semester course in which speaking, listening, reading, writing, and culture are emphasized. Prerequisite: FLR 1101 or equivalent.

Spanish

1101 FLS. Elementary Spanish I. (4-0-4) F, S. First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. No more than one year of high school Spanish allowed without permission of department chairperson.

1102 FLS. Elementary Spanish II. (4-0-4) F, S. Second semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. Prerequisite: FLS 1101 or equivalent. No more than two years of high school Spanish allowed without permission of department chairperson.

1191 FLS. Beginning Spanish I, Honors. (4-0-4) F, S. First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. Prerequisites: Admission to the Honors Study Abroad Program. No more than one year of high school Spanish allowed without permission of the department chairperson.

1192 FLS. Beginning Spanish II, Honors. (4-0-4) F, S. Second semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. Prerequisites: Admission to the Honors Study Abroad Program; FLS 1101 or FLS 1191. No more than two years of high school Spanish allowed without permission of the department chairperson.

2201G, 2202G FLS. Intermediate Spanish I, II. (4-0-4 each course) F, S. Review of grammar; practice in conversation and composition; reading of selected material. Use of the language laboratory. Prerequisites: For FLS 2201G, FLS 1102 or three years of high school Spanish; for FLS 2202G, FLS 2201G or three years of high school Spanish or permission of the department chairperson. **H1 900**

2291, 2292 FLS. Intermediate Spanish I, II, Honors. (4-0-4 each course) F, S. Review of grammar; practice in conversation and composition; reading of selected material. Use of the language laboratory. Prerequisites: Admission to the Honors Study Abroad Program. For FLS 2291, FLS 1102 or FLS 1192 or three years of high school Spanish; for FLS 2292, FLS 2201G or FLS 2291 or three years of high school Spanish or permission of the department chairperson.

2500 FLS. Hispanic American Culture Through Study-Travel. (Arr.-Arr.-2) S. A two-week extensive field trip study of the culture of a Spanish-speaking country during the semester or summer

break. A pre-trip orientation to prepare students for on-site study of the history, government, and other sociological aspects of the selected society is included. May be repeated for up to 2 additional hours of credit. May not be counted toward the major or minor in Spanish. Prerequisite: Permission of the instructor.

3000 FLS. Problems in Spanish Grammar. (3-0-3) F, S. Review of those points in Spanish grammar which are stumbling blocks for English-speaking students. Prerequisite: FLS 2202G, its equivalent or permission of the department chairperson.

3050 FLS. Spanish Pronunciation and Conversation. (4-0-4) F, S. Intensive drilling of Spanish pronunciation and further development of audio-lingual skills through conversation. Prerequisite: FLS 2202G, its equivalent, or permission of the department chairperson.

3201 FLS. Business Spanish. (3-0-3) F or S. Oral and written communication in the Hispanic business world. Prerequisite: FLS 3000, its equivalent or permission of the department chairperson.

3401 FLS. Cadet Teaching. (Arr.-Arr.-1-3) Observation and supervised micro-teaching in one of the department's elementary courses or in one of the local area schools. Teaching majors and minors only. May be taken in more than one language. Prerequisite or corequisite FLE 3400. Counts toward the major.

3500 FLS. Hispanic Short Story. (3-0-3) S-even-numbered years. The history, development and meaning of short stories in Spanish.

3510 FLS. Introduction to Modern Spanish Literature. (3-0-3) F. Introduction to Spanish literature from the eighteenth to twentieth century. Prerequisite: FLS 3000 or permission of the department chairperson.

3520 FLS. Introduction to Modern Spanish American Literature. (3-0-3) F. Introduction to Spanish American literature from 1886 to present. Prerequisite: FLS 3000 or permission of the department chairperson.

3970 FLS. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4202 FLS. Advanced Spanish Composition. (3-0-3) S. Compositions based on style illustrated in certain literary selections. Prerequisite: FLS 3000 or permission of the department chairperson.

4275 FLS. Internship. (Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or nationally based language learning experience in which the student applies and develops skills learned in Spanish courses outside the traditional classroom. No more than four semester hours may be counted toward the major or three semester hours toward the minor in the language in lieu of Advanced Conversation courses. Prerequisites: Two years of a college level foreign language and FLS 3000 or 3050, or a score of "intermediate-high" according to ACTFL guidelines; permission of the department chairperson.

4310 FLS. Civilization and Culture of Spain. (3-0-3) F or S. Prerequisite: Three years of college Spanish or permission of the department chairperson.

4320 FLS. Civilization and Culture of Spanish America. (3-0-3) F or S. Prerequisite: Three years of college Spanish or permission of the department chairperson.

4400 FLS. Independent Study. (Arr.-Arr.-1-3) Intensive individual study of a topic in Spanish, selected by the student in collaboration with the instructor and under the general supervision of the instructor. Note: A maximum of three semester hours of credit may be applied to the major or minor in Spanish. Prerequisite: Permission of the department chairperson. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages.

4444 FLS. Honors Independent Study. (Arr.-Arr.-3) Intensive study and writing on topics in foreign language, literature and culture

approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the department chairperson.

4510 FLS. Survey of Early Spanish Literature. (3-0-3) F or S. Survey of Spanish literature from the Twelfth to Seventeenth Century. Prerequisite: FLS 3000 or permission of the department chairperson.

4520 FLS. Survey of Early Spanish American Literature. (3-0-3) On demand. Survey of Spanish American literature from the Colonial period to 1886. Prerequisite: FLS 3000 or permission of the department chairperson.

4640 FLS. *Don Quixote de la Mancha*. (4-0-4) On demand. Study of the two parts of *Don Quixote de la Mancha* in the original. Prerequisite: Three years of college Spanish, its equivalent, or permission of the department chairperson.

4644 FLS. Honors Thesis. (Arr.-Arr.-3) Intensive research and preparation of a thesis on a topic in foreign language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the department chairperson.

4650 FLS. Topics in Hispanic Literature. (3-0-3) F. Prerequisite: Three years of college Spanish or permission of the department chairperson. Course may be taken twice with consent of the department chairperson.

4666 FLS. Honors Seminar. (3-0-3) Reading, writing and discussion on selected topics in foreign language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the department chairperson.

GENERAL STUDIES

Undergraduate Course

1000 GST. Reading and Study Improvement. (2-2-2) Learning principles as they apply to the development of efficient study skills, emphasis on reading instruction designed to improve comprehension and rate. May be repeated; does not count toward graduation.

GEOGRAPHY

Undergraduate Courses

1100G GEG. Cultural Geography. (3-0-3) A geographic survey of population, agriculture, politics, language, religion, folk and popular culture, ethnicity, and cities, focusing on origins, processes, and patterns in western and non-western cultures. **S4 900N**

1190G GEG. Cultural Geography, Honors. (3-0-3) On demand. A geographic survey of population, agriculture, politics, language, religion, folk and popular culture, ethnicity, and cities, focusing on origins, processes, and patterns in western and non-western cultures. Field trips and a field research paper will enhance the student's ability to read and interpret places and landscapes. Prerequisite: Admission to the University Honors Program. **S4 900N**

1200G GEG. World Regional Geography. (3-0-3) A geographic analysis exploring developed and developing regions of the world. Discussion of regions and countries, people and environments, will emphasize international understanding. **S4 900N**

1290G GEG. World Regional Geography, Honors. (3-0-3) On demand. A geographical analysis examining the developed and developing regions of the world. Discussion of interrelationships between people and their environments from a spatial viewpoint. Research papers and class presentations are required to raise

international geographic awareness. Prerequisite: Admission to the University Honors Program. **S4 900N**

3000 GEG. Geography of Illinois. (3-0-3) On demand. Analysis of regional variations in climate, landforms and natural resources. Emphasis on processes shaping man's activities and spatial organizations and on place and regional consciousness in Illinois.

3025 GEG. Geography of the United States and Canada. (3-0-3) F-even-numbered years. Analysis of regional variations in the physical and cultural environments of the United States and Canada. Emphasis on processes shaping man's activities and spatial organizations and on place and regional images that are visually expressed in the American landscape.

3050 GEG. Geography and Culture of Africa. (3-0-3) On demand. A geographic survey of Africa's contemporary development prospects, population growth and food production, rural-urban migration, changing cultural landscapes and their impact on the environment, urban and industrial development, history of colonialism, and regional differences in economic, social, political, cultural, and environmental conditions.

3055 GEG. Geography and Culture of Asia. (3-0-3) On demand. A regional geography with emphasis on population dynamics, physical and cultural landscapes, environment, and economic development that gives the distinct characteristics of Eastern, Southern, Southeastern and Southwestern realms of Asia. An investigation of problems and prospects of Asian countries.

3065 GEG. Geography and Culture of Latin America. (3-0-3) On demand. Studies the natural and cultural landscape of Latin America, giving special attention to the geographical identity and cultural diversity of the region. Topics include environmental issues, industrialization, geopolitical contexts, colonial history, transportation, agriculture, population, and urban growth.

3200 GEG/ESC. Human Impacts on the Environment. (3-0-3) S. Emphasis on human impacts on the environment and the necessity of conservation. Discussion of natural hazards and perception of resources as factors limiting society's development. Focus on man as an agent of environmental change.

3296 GEG/HIS. Society and Environment in the Mexican Yucatan, 2000 BC - 2000 AD, Honors. (3-0-3) This course uses the perspectives of history, geography and other social sciences to examine the interaction between humans and their environment in the Mexican Yucatan. Prerequisite: Admission to the Honors Semester Abroad Program in Merida, Mexico.

3420 GEG/GEL. Principles of Geomorphology. (2-2-3) S. Physical and mathematical analysis of processes that modify the earth's surface; structural and climatic controls; hillslope sculpture; weathering; stream dynamics; soil classification. Prerequisite: GEL/ESC 1300G.

3600 GEG. Economic Geography. (3-0-3) On demand. Survey of theoretical and empirical approaches to the location of economic activities and of organizational structures. Analysis of spatial patterns of resource, industrial, commercial and service activities. Emphasis on local and regional development, growth and decline, transportation and planning.

3650 GEG. Advanced Cultural Geography. (3-0-3) F-odd-numbered years. Concerned with understanding the material culture that gives character to a place or area. Emphasis on a study of environmental perception, attitudes and values that influence our personal images of the world. Special focus on reading and interpreting the ordinary landscape of the manmade habitat.

3700 GEG. Historical Geography of the United States. (3-0-3) On demand. Reconstructing past geographical landscapes of the United States to 1900. Emphasis on changing landscape patterns and spatial organization patterns through time, perception of relic

landscape features and contemporary preservation of distinctive historic places and areas.

3750 GEG. Population Geography. (3-0-3) On demand. Survey of world distribution of population through time. Examines patterns and consequences of mortality, fertility and migration. Emphasis on theories and models of migration, past and contemporary migration patterns, and information flow and individual movement in geographic space.

3775 GEG. Urban Geography. (3-0-3) On demand. Examines from a geographic perspective the origin, location, function, internal structure, growth and interaction of urban areas in the United States and other regions of the world; considers problems of modern cities and the role of city planning in Western and non-Western contexts. Prerequisites: GEG 1100G, 1200G or permission of instructor.

3780 GEG. Land Use Planning. (3-0-3) On demand. An introduction to land use planning in the United States, focusing on the geographic and institutional dimensions; a survey of the policy and legislative basis for land use controls at the urban, regional, and federal level, including controlled growth, zoning, development agreements, and environmental legislation. Prerequisite: GEG 1100G or 1200G or permission of instructor.

3800 GEG. Introduction to Cartography. (1-4-3) S. Instruction and practice in the basic techniques of map making. Emphasis on problems involved in selection of proper source materials for the base and body of the map and methods of mechanical reproduction.

3855 GEG. Computer Mapping. (2-2-3) F. Methods and techniques for map construction and production using computer processing and graphic displays. Prerequisites: GEG 3800.

3865 GEG. Advanced Cartography. (1-4-3) On demand. Instruction and practice in the techniques of thematic mapping including design, compilation, construction and photographic reproduction. Introduction to data transformation and computer-assisted reproduction. Prerequisite: GEG 3800.

3875 GEG. Field Methods. (1-4-3) Application of geographical field techniques to the analysis of areas. Emphasis on making physical and cultural observations and measurements including map reading, photo interpretation, field sketch mapping, compass traverses, sampling, questionnaire design, interviewing, analysis and reporting.

3885 GEG. Quantitative Methods in Geography. (1-4-3) F. Application of basic descriptive and inferential statistics. Emphasis on the understanding of the quantitative method as it is applied in the analysis and classification of geographical data and spatial problems. Prerequisite: MAT 2250G.

3970 GEG. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 GEG. Seminar. (3-0-3) On demand. Reports and discussion of selected topics in geography. Prerequisites: Two courses in geography or permission of the department chairperson. May be taken twice for credit.

4275 GEG. Internship in Geography. (Arr.-Arr.-1-6) On demand. An individually planned work experience in a business or agency appropriate to the student's area of specialization. Note: A maximum of three semester hours may be counted as elective credit in the Geography minor. Prerequisites: Completion of at least 12 hours of course work toward Geography major or minor, permission of the Geology/Geography Chair, the Internship Coordinator, and acceptance of the student by a business or agency. The course may be repeated to a maximum of 12 semester hours.

4400 GEG. Independent Study. (Arr.-Arr.-1 to 3) F, S. Intensive individual study on a topic selected by student with approval of instructor and with permission of the department chairperson. May be taken for no more than six semester hours.

4430 GEG. Undergraduate Research in Geography. (Arr.-Arr.-1-3) On demand. Field, laboratory, or theoretical research faculty supervised. A written report of an oral presentation is required. Prerequisites: Completion of 15 semester hours toward the Geography major or minor, permission of the instructor and department chair. Can be repeated for a maximum of six semester hours in combined department undergraduate research courses (Geology, Earth Science, Geography).

4444 GEG. Honors Independent Study. (Arr.-Arr.-1-6) Intensive individual study on a topic selected by the student with approval of the instructor. May be taken for no more than six semester hours. Prerequisites: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4555 GEG. Honors Research. (Arr.-Arr.-1-6) Original research in geography on a topic studied by the student while enrolled in GEG 4444. A written report and oral presentation are required. Prerequisites: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4644 GEG. Honors Thesis. (Arr.-Arr.-1-6) Written thesis based on original research performed while enrolled in GEG 4555. An oral presentation is required. Prerequisites: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4666 GEG. Honors Seminar. (Arr.-Arr.-3) Reports, discussion and/or laboratory/field work on selected topics in geography. Prerequisites: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Departmental Chairperson.

Course Open to Juniors, Seniors, and Graduate Students

4890 GEG. Geographic Information Systems. (2-2-3) On demand. Theoretical and applied introduction to geographic information systems. Microcomputer lab experience offers real world human and natural resource computer-based scenarios that involve the input, storage, retrieval, manipulation, analysis and cartographic display of geocoded data using geographic information systems. Prerequisite: GEG 3800 or consent of instructor.

GEOLOGY

Undergraduate Courses

1300G GEL/ESC. Introduction to Earth Sciences. (3-2-4) An introduction to earth processes, resources, rocks, minerals, maps, time, and plate tectonics. The interaction of natural processes in the physical environment and human activity will be discussed. Lab work and field trip are required. **P1 907L**

1390G GEL/ESC. Introduction to Earth Sciences, Honors. (3-2-4) On demand. Study of the planet Earth as a system consisting of the lithosphere, hydrosphere, and atmosphere. Emphasis on how processes occurring within the solid, liquid, and gaseous portions of the Earth system act to influence its surface. Field trips and short papers will stress scientific communication skills. Prerequisite: Admission to the University Honors Program. **P1 907L**

1430 GEL. Historical Geology. (3-2-4) S. Development of major structural segments of Earth's crust; fossil record of life; age relations among rock units. Field work. Prerequisite: GEL/ESC 1300G.

1490 GEL. Physical Geology, Honors. (3-2-4) On demand. An introduction to the basic geologic concepts and physical and chemical processes that are responsible for creating and shaping the earth's crust and interior. Topics include: minerals, rocks, volcanoes, streams, wind erosion, glaciers, groundwater,

topographic and geologic map interpretation. Research paper and field work required. Prerequisite: Admission to the University Honors Program. **P1 907L**

2440 GEL. Mineralogy. (3-2-4) F. A study of minerals with emphasis on crystallography, chemistry, classification, identification, genesis, and association. Prerequisites: GEL 1300G and CHM 1310G and 1315G or concurrent enrollment.

2450G (3450) GEL/ESC. Oceanography. (3-0-3) Integrated, descriptive study of the World Ocean including the physics, chemistry, biology, and geology of the marine environment and the interrelationship between the World Ocean and human activities.

3010G GEL/ESC. Environmental Physical Science. (2-2-3) F, S. A study of environmental Earth processes and their interrelationship with human activities. This will include both the impact of the Earth on society and the impact of society on Earth.

3300G GEL/INT. Science and Technology: A Promise or a Threat? (3-0-3) The course will discuss the methods and development of scientific discoveries, their technological applications, and the impact of these activities on cultural, social, political and religious values. The influence of society on scientific research and technological development will be also discussed. Prerequisite: junior standing.

3405 GEL. Petrology. (3-2-4) S. A study of the physical, chemical, spatial, and chronological properties and processes that reflect the origin, evolution, and occurrence of igneous and metamorphic rocks. Laboratory work emphasizes the petrographic microscope and its applications. Field work required. Prerequisite: GEL 2440.

3420 GEL/GEG. Principles of Geomorphology. (2-2-3) S. Physical and mathematical analysis of processes that modify the earth's surface; structural and climatic controls; hillslope sculpture; weathering; stream dynamics; soil classification. Prerequisite: GEL/ESC 1300G.

3425 GEL. Engineering Geology. (2-2-3) F-even-numbered years. Introduction to procedures used for site selection and design of engineering structures in the Earth. Introductory soil and rock mechanics and their use in analysis of structures will be emphasized. Prerequisites: GEL/ESC 1300G and PHY 1151G, or permission of instructor.

3430 GEL. Structural Geology. (2-2-3) F. Forces involved in the deformation of rocks with emphasis on the recognition and interpretation of the resultant geologic structures. Field work. Prerequisites: GEL 1430, 3405 and MAT 1330 or equivalent.

3440 GEL. Tectonics. (3-0-3) This course will evaluate the plate tectonic paradigm in terms of its historical evolution and modern application to understanding earth processes. Focus will be placed on defining the geometric, kinematic, and dynamic framework of the three types of plate boundaries, existing problems with rigid plate theory, and the evidence for the plate tectonic approximation. Field work is required. Prerequisite: GEL 3430 or permission of the instructor.

3460 GEL. Economic Mineral Deposits. (2-2-3) On demand. Origin, geologic occurrence and utilization of metallic and non-metallic mineral deposits. Field work. Prerequisite: Prior or concurrent enrollment in GEL 3405.

3470 GEL. Seminar. (Arr.-Arr.-1-3) F, S. Discussions, reports, and field/laboratory work concerning selected geoscience topics, with instructor guidance. May be taken more than twice for credit if a different topic is covered each time.

3490 GEL. Coal Geology. (2-2-3) On demand. The origin, classification, and alterations of coals; stratigraphy, sedimentation, and structure of coal deposits; types of and cyclical deposition in coal basins and their tectonic setting. Field work. Prerequisite: GEL 1430.

3500 GEL. Volcanology. (2-2-3) On demand. A study of volcanic features and eruptions. The relationship of eruptive products, styles, and mechanisms to volcanic features and hazards is emphasized. Prerequisite: GEL 3405 or concurrent enrollment.

3510 GEL. Principles of Sedimentation. (2-2-3) F. Sources of sediments, mechanics of transportation, depositional controls, post-depositional changes; physical and chemical properties of sedimentary rocks, classifications; analytical laboratory techniques. Field work. Prerequisites: GEL 1430 and 3405.

3525 GEL. Hydrogeology. (2-2-3) On demand. The study of the inter-relationships of geological materials and processes with water. Prerequisite: GEL/GEG 3420.

3560 GEL. Principles of Stratigraphy. (2-2-3) S. Development and use of stratigraphic column, sedimentary facies, space-time relationships, principles of correlation, tectonic framework of sedimentation, analysis of clastic, organic, chemical sedimentary sequences. Field work. Prerequisite: GEL 3510.

3970 GEL. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 GEL. Petroleum Geology. (2-2-3) On demand. The geological occurrence of petroleum including origin, migration, and accumulation; exploration methods and production techniques. Laboratory exercises in searching for and producing petroleum and natural gas. Prerequisite: GEL 3430.

4200 GEL. Introduction to Geophysical Exploration. (3-0-3) On demand. Introduction to the theories of gravity, magnetics, heat flow, and reflection and refraction seismology; application of these geophysical methods in the interpretation of earth structure and composition, with emphasis on exploration for economic materials and on tectonic activity. Prerequisites: GEL 3430 and PHY 1161, 1162.

4275 GEL. Internship in Geology. (Arr.-Arr.-1-6) On demand. An individually planned work experience in a business or agency appropriate to the student's area of specialization. Prerequisites: Completion of GEL 2440, permission of the Geology/Geography Department Chair, the Internship Coordinator, and acceptance of the student by a business or agency. The course may be repeated to a maximum of 12 semester hours.

4335 GEL. Environmental Geology. (3-0-3) S. Study of interaction of man-made contaminants and their geologic environment. Topics include types and analysis of common contaminants, surface and groundwater quality, risk analysis, U.S. environmental laws, industrial and municipal waste disposal, and remediation techniques. Prerequisites: GEL/ESC 1300G, CHM 1410 (or CHM 1510), MAT 1330 (or MAT 1400), or permission of the instructor. Upper class standing is highly recommended.

4400 GEL. Independent Study. (Arr.-Arr.1-3) Independent study in the field of geology, designed for the individual needs of the student. Prerequisite: GEL 1430 or permission of the instructor. May be taken for no more than six semester hours.

4430 GEL. Undergraduate Research in Geology. (Arr.-Arr.-1-3) On demand. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. Prerequisites: GEL 3405 and permission of instructor and department chair. Can be repeated for a maximum of six semester hours in combined department undergraduate research courses (Geology, Earth Science, Geography).

4444 GEL. Honors Independent Study. (Arr.-Arr.-1-6) Independent Study in geosciences, designed for the individual needs of the student. May be taken for no more than six semester hours. Prerequisites: GEL 3405 and admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4450 GEL. Well Log Interpretation. (2-2-3) On demand. Fundamental principles of open hole log in investigating subsurface

geology are discussed with emphasis on petroleum exploration. This is essentially an applied course with stress on how to take data from well logs, calculate and analyze these data. Prerequisite: GEL 3510.

4480 GEL. Optical Mineralogy. (3-2-4) On demand. Use of the polarizing microscope for determination of optical properties of minerals; identification of minerals in thin section. Prerequisite: Prior or concurrent enrollment in GEL 3405.

4490 GEL. Invertebrate Paleontology. (2-2-3) F. Description and classification of major fossil invertebrate groups; preservation of fossils; use of fossils in geologic work. Field work. Prerequisites: GEL 1430; BIO 1001G.

4555 GEL. Honors Research. (Arr.-Arr.-1-6) Research in the geosciences undertaken with close supervision of a geoscience faculty member. Written report required. At least one semester hour is required of students in the Departmental Honors Program. A maximum of five additional semester hours credit may be applied to the Departmental Honors Program and/or the major in geology. Prerequisites: GEL 3405, admission to the Departmental Honors Program, and permission of the Departmental Honors Coordinator.

4644 GEL. Honors Thesis. (Arr.-Arr.-1-6) Written thesis based upon a survey of the geological literature and student's original research performed under the close supervision of a geoscience faculty member. At least one semester hour is required of students in the Departmental Honors Program. May not be repeated. Prerequisites: A minimum of one credit hour of GEL 4555, admission to the Departmental Honors Program, and permission of the Departmental Honors Coordinator.

4666 GEL. Honors Seminar. (1-6) Discussions, reports, and field/laboratory work concerning selected geoscience topics, with instructor guidance. May be taken more than twice for credit if a different topic is covered each time. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4800 GEL. Summer Field Geology in the Black Hills, S.D. (Arr.-Arr.-6) Su. Individual and group problem-solving by application of field methods and techniques, including plane table and total station mapping and air photo interpretation. Six weeks of field study required. Contact Director of Summer Field Geology concerning fees and registration. This course is complementary to nearly all of the department's geology courses. This requirement must be met in the EIU Geology Field Station in the Black Hills of South Dakota. In cases of students' health limitations, with the approval of the department chair, an alternative program will be provided. Prerequisites: GEL 1430, 3405, and 3430. GEL 3510, 3560 and 4490 recommended. In special cases, permission of chairperson and field camp director is required. Graduate students will complete an additional field research project that has been approved by the field camp director. This project must be successfully completed by the end of the course.

4892 GEL. Introduction to Paleobotany. (3-2-4) On demand. Introduction to the origin and theories of evolution, diversification, radiation, and paleogeography of plants through time, with special reference to vascular plants. Field work. Prerequisites: GEL 1430 and BIO 3612 or permission of instructor. Credit not granted for both GEL 4892 and BOT 4892.

HEALTH STUDIES

Undergraduate Courses

Note: Courses in First Aid and Cardio Pulmonary Resuscitation may charge a laboratory fee for use of materials and services.

1120 HST. Basic CPR. (1-0-1) F, S. Credit toward graduation not granted to students who have completed HST 2320 or 3100.

2000 HST. Principles of Human Health. (3-0-3) A study of health issues and trends, focusing on the interrelatedness of the forces which contribute to human well-being and the development of the capacity to make informed, responsible decisions affecting individual and environmental welfare.

2100 HST. Peer Health Education Training and Certification Class. (1-2-2) F. This course is designed to train selected students as peer educators for the Peer Education Program. Students will acquire knowledge of health related topics and gain presentation skills. Students will prepare educational programs to be presented to campus and community groups and organizations. Students will also have the option of participating in the BACCHUS and GAMMA peer education certification program. Prerequisite: HST 2000 or PED 2850 or FCS 2100.

2250 HST. Professions in School and Community Health. (1-1-1) F, S. An introductory professional course describing the current school/community health field and assessing the current trends within the disciplines. Enrollment limited to Health Studies majors and minors and those considering the Health Studies degrees.

2270 HST. Community Health. (3-0-3) F, S. An examination of the factors in the physical, biological, and social environment that influence the magnitude and character of health problems, goals and solutions. Prerequisite: HST 2000.

2320 HST. First Aid and Emergency Care (including Basic CPR Skills). (3-0-3) Designed to provide opportunities to learn and practice basic first aid skills necessary to handle most home and job emergencies including CPR.

2600 HST. International Health Issues. (3-0-3) F, S. This course is designed to help students develop an understanding of current health problems and issues in the world community particularly as seen in third world non-Western developing nations. Specific health issues will be examined with consideration given to their influence on American society. Health issues will be examined in the context of the culture and health values of the local populations.

2900 HST. Human Diseases. (3-0-3) F, S. A study of the occurrence and process of human infectious and chronic diseases. Prerequisite: HST 2000 or permission of instructor.

3120 HST. American Red Cross Instructor. (3-Arr.-4) F, S. Certification through the American Red Cross (ARC) in Instructor Candidate Training (ICT), and as a Community First Aid and Safety Instructor which prepares individuals to teach Community First Aid and Safety, Standard First Aid, Community CPR, Adult CPR, and Infant and Child CPR.

3196 HST. Public Health Statistics and Data Analysis. (3-0-3) F, S. A review of mathematical principles and elementary statistics as related to an analysis of public health statistics. Prerequisite: HST 2270 or permission of instructor.

3199 HST. Microcomputers and Health Applications. (1-3-3) F, S. The study and practical utilization of various types of computer hardware and software employed by health professionals. No programming/keyboarding prerequisite. Prerequisite: HST 2250 or approval of instructor. Credit will not be given for both HST 3199 and PED 3900.

3200 HST. School Health. (3-0-3) F, S. A survey of the school health program with emphasis on the responsibilities of school personnel. Prerequisite: HST 2000 or equivalent.

3300 HST. Principles of Accident Prevention. (2-0-2) F, S. Safety problems of modern life in the home, school, during recreation, on the highway, and at work.

3310 HST. Introduction to Driver Education. (3-2-4) F, S. Preparation for high school driver education teachers. Includes simulation and work with beginning drivers. Prerequisites: Driver's license and safe driving record.

3320 HST. Advanced Driver Education and Traffic Safety. (3-0-3) F, S. Administration, organization, finance, special programs, evaluation of school driver education programs.

3330 HST. Advanced Driving Maneuvers. (1-2-2) F. Designed to teach emergency procedures and evasive actions and to help students better understand their capabilities and limitations as drivers, and the capabilities and limitations of the vehicles they drive. Prerequisite: HST 3310 or permission of the instructor.

3340 HST. Accident Prevention in Schools. (2-0-2) F. Scope of the school safety problem. Administrative, instructional and community responsibility for safe schools.

3350 HST. Industrial Safety. (2-0-2) F, S. Trends and organizational techniques in accident prevention programs as related to industrial operations.

3400 HST. Methods of Teaching/Curriculum Development in Health. (3-0-3) F, S. Teacher preparation in curriculum development, appraising materials, methods of presentation; includes 30 clock hours of clinical experience. Prerequisites: EDP 3331 and SED 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3500 HST. Human Sexuality. (3-0-3) A study of the biological, psychological, and cultural dimensions of human sexuality.

3560 HST. Women's Health. (3-0-3) S. An examination of the biological and psychosocial dimensions of women's health; the relationship between women and the health care system, and the impact of cultural stereotyping on women's physical and emotional health. Prerequisites: HST 2000 and HST 3500 or consent of instructor.

3700 HST. Methods in Community Health Education. (3-0-3) F, S. Overview of educational concepts and strategies applicable to a variety of health care settings; problems of individual, organizational, and community behavior; programs for organizational and community health education; contrasting models of health care, communication skills, media and materials; and planning, implementing, and evaluating educational programs. Prerequisite: HST 2270.

3750 HST. Health Care Delivery Systems. (3-0-3) F, S. Review of contemporary approaches to the delivery of health care services in the United States. Prerequisite: HST 2270.

3765 HST. Principles of Epidemiology. (3-0-3) F, S. Introduction to the concepts, principles, and methods generally useful in the surveillance and investigation of a health problem. Prerequisite: HST 2270.

3770 HST. Public Health Administration. (3-0-3) F, S. Presentation of fundamental management skills, techniques, and practices useful to any health professional in the organization setting. Emphasis placed on supervisory skills. Includes discussion of health care and business ethics. Prerequisites: HST 2250, 2270 and 3750. (3750 may be taken concurrently.)

3910 HST/SPC. Communication in Health Professions. (3-0-3) S. A study of the role communication plays in the health professions including an examination of the health professions and the application of speaking, listening, interpersonal, small group, organizational, and mass communication skills and concepts to health careers.

4250 HST. Planning Health Programs. (3-0-3) F, S. This course is designed to provide the student with the elements of successful program planning. The student will learn the steps in developing,

administering, and evaluating programs in health education and promotion. Prerequisite: HST 2270.

4275 HST. Community Health Field Service. (Arr.-Arr.-2 or 3 or 5 or 6 or 8) (Credit/No Credit) An individually planned internship in a community health agency or organization. Prerequisites: HST 2270, 3700 or 3400 and approval of the department chairperson.

4741 HST. Independent Study. (Arr.-Arr.-1-6) An individual study under faculty supervision of pertinent literature, research, programs or other sources related to selected topics in Health Studies. Prerequisite: Permission of the chairperson of the department. Note: May be repeated; the maximum amount of credit which may be earned is six semester hours.

Courses Open to Juniors, Seniors, and Graduate Students

4800 HST. Drugs and Society. (3-0-3) F, S. A study of drugs and drug use from an historical, biological and social perspective with emphasis on the physiological and pharmacological action of drugs in the body.

4810 HST. Community Resources and Chemical Dependency. (2-0-2) F. This course is designed to familiarize the student with self-help groups, intervention programs, and various community resources available to deal with the problem of chemical dependency. Prerequisite: HST 4800.

4820 HST. DUI: Legal Issues. (2-0-2) S. This course will familiarize the student with the state DUI laws, policies and procedures in reference to DUI; remedial education classes; evaluation and assessment of clients; and administration and scoring of tests used in DUI processes. Prerequisite: HST 4800.

4890 HST. Health and Aging. (3-0-3) F. This course is designed to examine common health changes, issues and concerns as they pertain to the aging individual.

4900 HST. Multi-Phase Driver Education. (2-2-3) S. The five-phase driver education curriculum. Actual practice with multi-media equipment-simulators, student response systems and the multi-car range. Prerequisite: HST 3310 or concurrent enrollment or permission of the instructor.

4910 HST/SPC. Applied Health Communication. (3-0-3) S. An examination of applied health communication in the interpersonal, organizational, and mediated contexts. Emphasis is on higher order application of skills from different occupational perspectives. Prerequisite: HST/SPC 3910 or consent of the instructor.

For graduate courses, see the *Graduate Catalog*.

HISTORY

Undergraduate Courses

1400 HIS. History of the Third World. (3-0-3) F, S. Historical survey of third world countries, emphasizing cultural, geographical, religious and political influences. **S2 905N**

1500G HIS. Roots of the Modern World. (3-0-3) F, S. Investigation of the foundations of the modern world. (1. Society and Religion; 2. Slavery and Freedom; 3. Global Interactions.) **H2 900**

1590G HIS. Roots of the Modern World, Honors. (3-0-3) F, S. Investigation of the foundations of the modern world. (1. Society and Religion; 2. Slavery and Freedom; 3. Global Interactions.) Prerequisite: Admission to the university Honors Program. **H2 900**

2010 HIS. History of the United States to 1877. (3-0-3) F, S. The colonial period; the independence movement; framing and adoption of the Constitution; growth of American nationality; Manifest Destiny; the Civil War and Reconstruction. **S2 900**

2020 HIS. History of the United States Since 1877. (3-0-3) F, S. The new industrial society; agrarian movement; the United States as a world power through two world wars, depression and after. **S2 901**

2090 HIS. History of the United States to 1877, Honors. (3-0-3) On demand. The study of overseas antecedents of colonial period; the colonial period; the independence movement; framing and adoption of the Constitution; growth of American nationality; Manifest Destiny; the Civil War and Reconstruction; the election of 1876. Prerequisite: Admission to the University Honors Program. **S2 900**

2091 HIS. History of the United States Since 1877, Honors. (3-0-3) On demand. The study of industrialization, corporate development, the agrarian movement, progressivism, the rise of scientific thought and technology; and the emergence of the United States as a world power through two world wars to the present. Prerequisite: Admission to the University Honors Program. **S2 901**

2300 HIS. Western Civilization to Renaissance. (3-0-3) F, S. A study of the origins and developments of the singular patterns of thought and system of values that shape the Western heritage from the Classical Age to the Renaissance. **S2 902**

2400 HIS. Western Civilization Since the Renaissance. (3-0-3) F, S. A study of the modernization and expansion of the West from the Renaissance to the present. **S2 903**

2500 HIS. Historical Research and Writing. (1-4-3) F, S. Introduction to historical writing and research, emphasizing documentation conventions and source analysis.

2510 HIS. Research Methods for Law and Society. (3-0-3) On demand. Introduction to Writing and Research on legal and constitutional issues. Prerequisites: HIS 2010 and HIS 2020.

3040 HIS. Studies in the Social History of the United States. (3-0-3) On demand. Survey of social changes which have affected American culture. Course topics may vary according to the instructor. May be taken only once for credit.

3100 HIS. History of England, 1066-1688. (3-0-3) F. A survey of English History from the Norman conquest to the Glorious Revolution.

3110 HIS. Britain Since 1688. (3-0-3) S. A survey of English History from the Glorious Revolution to the present.

3175 HIS. History of Christianity. (3-0-3) F or S. As needed. Survey course on origins and development of Christianity from Old and New Testament times to current churches and movements: Protestant, Catholic, and Orthodox traditions, early communities, Middle Ages, Islam, Reformation, anti-Semitism, multicultural Christianity, American church history. May not count toward the 18 hours in U.S. and non-U.S. history required of history majors and minors.

3200 HIS. Islam. (3-0-3) On demand. The conquests, law and customs, art and sciences of the Moslem world, including Spain, Persia, the Turks, and the Sudan.

3210 HIS. History of the Modern Middle East. (3-0-3) On demand. A survey of the history of the Middle East from the beginning of the Ottoman Turkish Empire to the present.

3250 HIS. African History. (3-0-3) On demand. A concentrated survey of African history from the archaeological evidence of humankind's African origins to the problems facing post-independence Africa with a primary focus on sub-Saharan Africa.

3255 HIS. Colonial Latin America. (3-0-3) F. Survey of Latin America to Independence, focusing on the rise of the great pre-Columbian civilizations, the political, social and religious structures of colonial Iberian American civilization, and the origins and process of Independence.

3260 HIS. Modern Latin America. (3-0-3) S. Survey of Latin America from Independence, including the nineteenth century struggle between liberalism and conservatism, the Mexican Revolution, popularist and authoritarian paths to development, the Cuban and Central American Revolutions, and the recent rise of neo-liberalism.

3295 HIS. The Maya Under Two Nations: Resistance, Struggle and Survival From 2000 BC - Present, Honors. (3-0-3) S. Examination of the Maya from precolumbian times to the present, including the precolumbian civilizations, conquest and colonization, the Caste War of the Yucatan, and modern revolutions and political change. This course is part of the Honors Semester Abroad in Merida, Mexico. Prerequisite: Admission to Honors Semester Abroad Program in Merida, Mexico.

3296 HIS/GEG. Society and Environment in the Mexican Yucatan, 2000 BC - 2000 AD, Honors. (3-0-3) This course uses the perspectives of history, geography and other social sciences to examine the interaction between humans and their environment in the Mexican Yucatan. Prerequisite: Admission to the Honors Semester Abroad Program in Merida, Mexico.

3320 HIS. History of Modern China. (3-0-3) On demand. Survey of Chinese history between 1800 and present.

3350 HIS. History of Russia and USSR. (3-0-3) F. Political, economic, social, and military history of Russia, the Bolshevik Revolution, and the USSR.

3410 HIS. French Revolution. (3-0-3) On demand. A study of the French Revolution and the concept of the revolution in general.

3420 HIS. World War II. (3-0-3) F. A study of the background, course and consequences of the war. May not count toward the 18 hours in U.S. and non-U.S. history required of history majors and minors.

3450 HIS. Modern Germany. (3-0-3) On demand. A political, social, and cultural history of Germany since 1815 with emphasis on the 1848 Revolution, the German Empire, the World Wars, and divided Germany.

3510 HIS. Ancient History. (3-0-3) On demand. Peoples and eras for 4,000 years from Sumer to Rome-- religions and law, governments and societies, arts and sciences.

3520 HIS. Medieval History. (3-0-3) On demand. Empire and culture in the Latin West and in the Greek East-- law, education, science, art and literature, society.

3600G HIS. The U.S. Constitution and the Nation. (3-0-3) F, S. A survey of the origin and development of the Constitution and its impact on the history of the United States.

3690G HIS. The U. S. Constitution and the Nation, Honors. (3-0-3) On demand. A survey of the origin and development of the Constitution and its impact on the history of the United States. Prerequisite: Admission to the University Honors Program.

3700G HIS. Turning Points in the History of Religion and Science. (3-0-3) F, S. Study of the decline of the ancient religious world view largely due to developments in science.

3750 HIS. African-American History: A Survey. (3-0-3) This course critically explores the course of African-American history in the United States from 1619, with the arrival of the first twenty Africans at Jamestown, to the present.

3760 HIS. The American South. (3-0-3) S. A history of the American South with emphasis on social and cultural developments and the deviation between North and South.

3780 HIS. Frontier America and the Indian. (3-0-3) On demand. Study of the first contacts of Europeans, Indians, and Africans to 1890.

3790G HIS. Turning Points in the History of Religion and Science, Honors. (3-0-3) F, S. Study of the decline of the ancient religious world view largely due to developments in science. Prerequisite: Admission to the University Honors Program.

3800 HIS. U.S. Diplomatic History. (3-0-3) On demand. A survey of American diplomacy from the American Revolution to the present time.

3810 HIS. History of Illinois. (3-0-3) F. A history of the state from the French regime through the Civil War to the present.

3900 HIS. Women in American History. (3-0-3) On demand. A survey of American women's history from pre-colonial times to the present, with a special emphasis on the historical diversity of women's experience. Students will also be introduced to the historiography of women, men, and gender.

3910 HIS. History of American Sport. (3-0-3) On demand. Development and impact of organized athletic endeavors in American society. May not count toward the 18 hours in U.S. and non-U.S. history required of history majors and minors

3920 HIS. Military History of the United States. (3-0-3) F, S. A study of the American military experience. The origins, consequences, strategies, tactics and logistics of American wars will be considered as well as the role and influence of military professionalism, science, technology and society upon the conduct of those wars.

3930 HIS. The Civil War Era. (3-0-3) F, S. A survey of the causes of the Civil War, the War years, and the period of Reconstruction, with major emphasis on the socioeconomic, cultural, and political differences between North and South.

3940 HIS. History of American Journalism. (3-0-3) On demand. Survey of journalism in the United States from colonial times to the present. May not count toward the 18 hours in U.S. and non-U.S. history required of history majors and minors.

3970 HIS. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

3990G HIS/ESC. Medieval Archaeology, Honors. (Arr.-Arr.-1 to 4) An introduction to archaeology as a crossroads, discipline, integrating a humanistic inquiry into history with the scientific methodologies which help evaluate the vestiges of past material culture. It will be taught only within the Semester Abroad program and emphasize the cultural heritage in the countries concerned. May be repeated. Prerequisites: Students enrolled for credit must be admitted to the Honors Program and must enroll for four semester hours. Students auditors must have permission of the Director of the Honors Program and may enroll for one to four semester hours.

4400 HIS. Independent Study in History. (Arr.-Arr.-1 to 4) (No student may earn more than four semester hours credit.) Intensive individual study on a topic selected by student with approval of instructor and with permission of the department chairperson.

4444 HIS. Honors Independent Study. (3-0-3) Consideration of special topics in History. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4500 HIS. Historiography of the European Witchhunts. (3-0-3) On demand. This course examines the European Witchhunts and explores the roles that misogyny, social upheavals, economic, political, and intellectual factors played in the execution of thousands of women and men over several hundred years.

4555 HIS. Honors Research. (3-0-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4600 HIS. The Holocaust. (3-0-3) On demand. An examination of the Holocaust from 1933-1945. This course will examine the many factors that led to the institutionalized destruction of European Jewry. Exclusion: Students may not receive credit for both HIS 4600 and EIU 4039G/4193G (Honors Senior Seminar, The Holocaust).

4644 HIS. Honors Thesis. (3-0-3) Intensive research in preparation of a thesis on a topic in History approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 HIS. Honors Seminar. (3-0-3) Areas of investigation which require integration of History and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4775 HIS. Selected Topics in History. (2-0-2 or 3-0-3 depending upon topic.) On demand. Study of historical topics not typically presented in standard courses. Topics to be announced. May be repeated with permission of the department chairperson. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4800 HIS. The Renaissance and Reformation. (3-0-3) On demand. A study of the intellectual and spiritual rebirth of Europe from 1350 to 1559. The Renaissance and Reformation movements shattered the medieval world-view, challenged its institutions and authorities, and ushered in the modern world. Prerequisite: Three semester hours in courses numbered 3000 and above in history or the consent of instructor.

4810 HIS. Europe in the Nineteenth Century. (3-0-3) On demand. An investigation into the political, economic, social and intellectual developments in 19th century Europe. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4820 HIS. The World in the Twentieth Century. (3-0-3) On demand. The apex and decline of European hegemony in the age of the world wars, class war, cold war and totalitarianism. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4830 HIS. Eastern Europe from World War I to the Present. (3-0-3) On demand. Eastern Europe from World War I to the present. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4840 HIS. Europe Since 1945. (3-0-3) On demand. A political, social and cultural history of Europe since World War II. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4850 HIS. Mexico, Central America and the Caribbean. (3-0-3) On demand. This course focuses on the relationships among the following issues in Mexico, Central America and the Caribbean: racial and ethnic identity; economic development; political structures, and migration. Prerequisite: Three semester hours in courses numbered 3000 and above in history or the consent of the instructor.

4855 HIS. Law, Disorder and Resistance in Mexico: Bandits and Rebels c. 1400-1997. (3-0-3) On demand. This course explores banditry, revolt, and the use of controlled substances in Mexican history as a means of understanding economic, social and political problems in Mexican history from the 15th century to the present.

4900 HIS. Historical Publishing. (3-0-3) S. Writing, editing, and producing professional journal articles, book and exhibit reviews in history for a journal and newsletter in print and online. Prerequisite: Junior, Senior or Graduate Status.

4903 HIS. Colonial America to 1763. (3-0-3) On demand. The origins of England's North American Colonies and their cultural, economic, political, social and religious development in the period ending with the French and Indian War. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4904 HIS. The American Revolution, 1763-1789. (3-0-3) On demand. The origins of the American Revolution as the aftermath of the Great War for the Empire, the conduct of the war, the adoption of the Articles of Confederation through the culmination of the Revolution in the Constitution of the United States. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4910 HIS. The Foundation of the American Constitutional and Political System. (3-0-3) S. Study of United States constitutional history from its roots in the Magna Carta through the modern age, with emphasis on historical controversies, disputes, and rival interpretations. Prerequisite: Three semester hours in history courses numbered 3000 and above or the consent of the instructor.

4911 HIS. History of American Violence. (3-0-3) On demand. This course examines the role of violence in American History, looking at its political and social consequences. Prerequisite: Three semester hours in history courses numbered 3000 and above or the consent of the instructor.

4920 HIS. Historic Preservation in the United States. Explores the history, theory, and practice of historic preservation. Prerequisite: Junior, Senior, or Graduate Standing.

4950 HIS. The Emergence of Industrial America. (3-0-3) On demand. Focusing on the period from 1880 to 1920, this course examines the economic, political, social, and cultural changes that accompanied the United States' transition from a rural to an urban nation.

4960 HIS. Contemporary America. (3-0-3) On demand. Study of major issues affecting the present generation with an emphasis upon historical courses and parallels. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4970 HIS. History of Ideas in America. (3-0-3) On demand. The development of American ideas from first settlement to the present. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4980 HIS. The Historian and the Computer. (3-0-3) F. On demand. Through hands-on exercises, students will explore use of electronic mail, gophers, the World Wide Web, and quantitative data analysis to understand how historians use computers. No previous computer experience necessary.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

INDUSTRIAL TECHNOLOGY

Undergraduate Courses

1001 INT. Introduction to Computer-Aided Design/Drawing (CAD). (1-0-1) S. An introduction to the operation of equipment and applications of a computer-aided design/drafting (CAD) system.

Experience in CAD equipment in 2- and 3-D drawing. An over-view of the development, benefits and effects of CAD on the design/drafting industry.

1012 INT. Technical Drawing. (1-2-2) F, S. An introduction to the conventions and the development of basic skills needed to produce technical drawings. Topics include: the design process, technical sketching, orthographic and pictorial projection, working drawings, dimensioning and tolerancing, computer applications.

1043 INT. Engineering Graphics. (1-4-3) F, S. Multiview, graphs, isometric and oblique projection; sectional views and dimensioning; concepts of descriptive geometry. **EGR 941; MTM 911**

1263 INT. Materials Technology. (3-0-3) F, S. An analysis of the structure and properties of materials as well as an introduction to processing principles. Emphasis on identification, properties, characteristics and application. **MTM 912**

1363 INT. Graphic Communication Technologies. (1-4-3) F, S. Introduction to digital production technologies related to creating, transferring, and reproducing conventional graphic images, digital images and Web pages.

1413 INT. Technological Systems. (3-0-3) F, S. Introduction to the study of the technological areas (production, communications, energy, transportation). To include the evolution and current status of each area as well as demonstrating the interrelationship of all three areas.

2064 INT. Manufacturing Processes. (2-2-3) On demand. A study of basic materials and processes used in industry. Emphasis on separating, forming, and combining processes.

2184 INT. Electronic Circuits and Semiconductor Concepts. (2-4-4) S. An investigation of basic electric/electronic circuits including: simple DC circuits and theorems; AC circuit variables and components; semiconductor theory, devices and circuits; and an introduction to integrated circuits. Prerequisites: INT 2324 and MAT 1271.

2200G INT. Materials Science. (3-0-3) Understanding the nature, applications, and environmental effects of natural and synthetic materials. Study of recycling and reclaiming materials and the problems associated with waste. Note: Industrial Technology majors may not enroll in this course.

2253 INT. Construction Equipment and Materials. (1-4-3) F. The study of construction equipment and materials related to a range of specific construction processes. The course includes hands-on laboratory experiences along with lecture and multimedia presentations.

2324 INT. Electronic Control Systems. (2-2-3) F, S. An introduction to basic electrical industrial control concepts. Topics included basic electrical concepts, basic electrical automation and control concepts, introduction to loads and actuators, control sequencing and data acquisition fundamentals. Prerequisite: MAT 1270. **P1 900L**

2953 INT. Statics and Strength of Materials. (3-0-3) F-odd-numbered years. Study of systems of forces and couples application of mechanics to structural analysis. Topics include resultants, equilibrium of bodies and frames, trusses, moments of inertia, principal stresses and strains, torsional shear and deformation, shear and moment diagrams of beams, indeterminate structures, and elastic columns. Prerequisite: MAT 1340 or 1440G.

3012 INT. Metrology and Inspection Procedures. (2-0-2) F, S. Applications of metrology in production manufacturing, inspection instruments and procedures. Prerequisite: MAT 1270 or higher or ACT composite score of 19 (SAT 910).

3043 INT. Engineering Geometry and Graphics. (2-2-3) F, S. Advanced spatial geometry; parallel, angular and perpendicular

relationship; graphical calculus; empirical equations; plane and space vectors. Prerequisites: INT 1043; MAT 1340 or 1440G.

3053 INT. Computer-Aided Industrial Drafting. (1-4-3) F. This course will cover the following concepts: Industrial drafting theory and practices via a computer-aided drafting system, orthographic projection, development and production of working drawings, geometric dimensioning and tolerancing, and an introduction to 3-D drawing. Prerequisite: INT 1043.

3063 INT. 3-D Modeling. (1-4-3) S. Planning and developing computer-aided solid models for design and manufacturing and assembly modeling. Prerequisite: INT 3053.

3103 INT. Robots and Control Systems. (1-4-3) S. A study of control systems and programming languages related to robots, programmable controllers, and automated systems used for transportation control. Mechanical, electrical, and fluid control systems used for automated control will be emphasized. Prerequisite: INT 2324 or permission of instructor.

3113 INT. Manufacturing Machine Processes. (1-4-3) F. Study of processes involved in transforming primary materials into manufactured products through casting, molding, turning, drilling, shaping, milling, and grinding operations. Prerequisite: INT 1263.

3123 INT. Communications Photography. (3-Arr.-3) F, S. Black and white photography including exposure control, film processing, and print processing. Color slide processing will be included. Student furnishes SLR 35 mm camera.

3143 INT. Manufacturing Fabrication Processes. (1-4-3) S. A study of advanced fabrication processes including forming, shaping, conditioning, fastening and finishing. Emphasis will be placed on heavy manufacturing techniques used for fabricating steel, cast iron, aluminum and plastic. Prerequisite: INT 1263.

3183 INT. Digital Logic and Data Communications. (1-4-3) F. An introduction to the study of digital electronics with emphasis on basic logic gates and circuits, analog, and digital conversion, data transmission/communication systems, and networking hardware and protocols. Prerequisite: INT 2324.

3203 INT. Computer Numerical Control Programming. (2-2-3) S. Detailed study of Numerical Control Programming techniques used in manufacturing operations. This course includes a study of the principles of point-to-point and continuous path programming. Prerequisite: INT 3113.

3213 INT. Surveying and Site Planning. (1-4-3) S. Principles of construction site measurements and project layouts utilizing surveying instruments. The techniques and calculations applied to the wide variety of housing and commercial construction projects. Prerequisite: MAT 1310 or equivalent.

3223 INT. Architectural Drafting and Blueprint Reading. (2-2-3) F, S. Principles of architectural drafting and the interpretation of architectural plans. Codes and specifications related to light commercial and residential structures will be introduced. Prerequisites: INT 1043 and 2253.

3300G INT/GEL. Science and Technology: A Promise or a Threat? (3-0-3) The course will discuss the methods and development of scientific discoveries, their technological applications, and the impact of these activities on cultural, social, political and religious values. The influence of society on scientific research and technological development will be also discussed. Prerequisite: junior standing.

3343 INT. Digital Prepress Technologies. (1-4-3) F. Detailed study of digital prepress technologies as well as conventional film processes. Major emphasis will be on the visualization, design, image assembly and conversion of digital images for reproduction. Special emphasis will be on the technical aspects of the latest

hardware and software packages used in communication and the prepress environment.

3353 INT. Communication Production. (1-4-3) F, S. Film assembly, plate-making, offset lithography, finishing procedures, production estimating and management.

3703 INT. Machine Design. (3-0-3) F, S. Design of basic machine components: shafts, springs, bearings, gears, fasteners, belts, chains, screws, lubrication systems, welded joints, brakes, clutches, and hydraulic/pneumatic systems. Prerequisites: PHY 1351G, 1352G or (PHY 1151G, 1152G and MAT 1340 or 1440G).

3803 INT. Applied Thermodynamics. (3-0-3) F-even-numbered years. Study of basic laws governing energy transmission. Thermodynamic properties of liquids, vapors and mixtures, the ideal gas law and the behavior of ideal gases, power and refrigeration cycles, heat transfer, and energy conversion. Prerequisites: PHY 1361, 1362 or (PHY 1151G, 1152G and MAT 1440G or 2110G).

3920 INT. Independent Study. (Arr.-Arr.-1-5) Independent study related to personal technological career goals in industrial technology. May be repeated to maximum of five semester hours of elective credit in industrial technology. Prerequisites: Junior standing and permission of the Chair, School of Technology.

3970 INT. Special Topics in Technology. (Arr.-Arr.-1-4) Study of special topics and emerging areas in technology not ordinarily covered in standard courses. Topics to be announced. Study may include readings, reports, group discussions, and laboratory activities. May be repeated in a different topic. Prerequisite: Junior standing or permission of the instructor.

4002 INT. Materials Testing. (0-4-2) F, S. Applied analysis of mechanical and physical properties of industrial materials. Prerequisites: INT 1263; PHY 1151G, 1152G or PHY 1351G, 1352G.

4023 INT. Manufacturing Automation. (3-0-3) F. Detailed study of the critical elements in automated and computer integrated production systems. This course will include a study of group technology, computer process planning, flexible manufacturing systems, and integrated computer aided design and manufacturing systems (CAD/CAM). Prerequisite: INT 3053, 3113 or 3203.

4123 INT. Advanced Photographic Imaging. (1-4-3) S. Detailed study of technical equipment and skills necessary for quality photographic imaging. Use of large format cameras, special films, image transfer techniques with Polaroid film, manipulation of digital images as well as special effects photography will be included. Students must provide their own SLR 35 mm camera. Prerequisite: INT 3123 or permission of the instructor.

4183 INT. Microcomputer Interfacing and Data Acquisition. (2-2-3) S. A survey of microprocessor characteristics and operations, an investigation of computer interfacing requirements, a study of microcontrollers and microcontroller applications, and an overview of digital data acquisition hardware and software. Prerequisite: INT 2324.

4223 INT. Construction Cost Estimating. (3-0-3) F. Principles of construction and cost estimating of materials, labor, and equipment. Conventional cost estimating methods to be applied to a wide variety of residential and commercial projects. Prerequisite: INT 3223.

4243 INT. Construction Project Management. (3-0-3) S. Principles of project management applied in the construction industry. Contracting, specifications, codes, safety practices, and management practices utilized in modern construction projects. Prerequisite: INT 3223 or concurrent enrollment.

4274 INT. Automation and Control Systems. (2-4-4) F. Study of industrial control systems, including: actuators and loads; sensors, transducers and feedback circuits; motion control; and automation

and control system requirements. Prerequisite: INT 2324 or permission of the instructor.

4275 INT. Industrial Internship. (Arr.-Arr.-1 to 10) (Credit/No Credit) Employment experience in an area related to the student's option. Prerequisites: Permission of the Chair, School of Technology, and junior standing.

4444 INT. Honors Independent Study. (Arr.-Arr.-1-4) Independent Study in Industrial Technology is designed for the individual needs of the student as related to student's career goals in Industrial Technology. May be repeated for up to four semester hours. May be counted toward the 15 hours of required course work in a technical concentration. Prerequisites: Admission to the Departmental Honors Program and permission of the Chair, School of Technology.

4555 INT. Honors Research. (Arr.-Arr.-3) Research in Industrial Technology is undertaken with close supervision of a School of Technology faculty member. A written report is required. Required of students in the Departmental Honors Program. May be counted toward the nine hours of required Industrial Technology electives for the major. Prerequisites: Admission to the Departmental Honors Program and permission of the Chair, School of Technology.

4602 INT. Physical Metallurgy. (0-4-2) S. Methods of altering, controlling and determining physical properties of metals. Prerequisite: INT 1263.

4644 INT. Honors Thesis. (Arr.-Arr.-2-3) Written thesis based upon a survey of related literature and student's original research performed under the close supervision of a School of Technology faculty member. At least two semester hours are required of students in the Departmental Honors Program. May not be repeated. May be counted toward the technical concentration or required electives in Industrial Technology with the approval of the Departmental Honors advisor or coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Chair, School of Technology.

4673 INT. Work Measurement and Method Design. (3-0-3) S. Principles of motion and time study and methods engineering for the purpose of increasing productivity and reducing human effort. Special emphasis will be given to design and measurement of work in industrial environments. Prerequisites: INT 1263 and MAT 2110G or 1440G.

Courses Open to Juniors, Seniors, and Graduate Students

4800 INT/COM/MGT. Management of Innovation and Technology. (3-0-3) As needed. Study of the development, adoption and implementation of new technology in industry. The focus is on the integration of business and technology strategies. Prerequisite: Senior standing and admission to the School of Business or permission of the Associate Chair.

4803 INT. Plant Layout and Material Handling. (3-0-3) F. Study of the arrangement of physical facilities and material handling to optimize the interrelationships among operating personnel, material flow, and the methods required in achieving enterprise objectives efficiently, economically, and safely. Prerequisites: INT 1043 and INT 1263.

4813 INT. Advanced Desktop Publishing. (1-4-3) S. Class experiences will focus on the preparation of text and graphics, page layout and the merging of graphic elements into a completed document. The use of scanners, the design of networks, and the selection of hardware and software are also highlighted. Prerequisites: A college computer graphics course and permission of the instructor.

4843 INT. Statistical Quality Assurance. (3-0-3) F, S. Principles of total quality control; Shewhart control charts; acceptance

sampling; capability and reliability studies. Prerequisites: MAT 1271 or its equivalent.

4853 INT. Polymers and Composites. (2-2-3) S. Study of polymeric and composite material fundamentals, manufacturing processes and applications including plastics and rubber, polymeric composites and other composite materials. Prerequisites: INT 1263; PHY 1151G, 1152G or 1351G, 1352G; and CHM 1310G and 1315G.

4943 INT. Manufacturing Management. (3-0-3) F, S. Survey of technical management areas in a manufacturing operation. This course will include but not be limited to a study of production control methods, plant layout, scheduling, inventory control, and other phases of planning, organizing, and controlling a manufacturing operation. Prerequisites: BUS 3010 and either MAT 2110G or 1440G or permission of the instructor.

4970 INT. Special Topics in Technology. (Arr.-Arr.-1-4) On demand. Study of special topics and emerging areas in technology not ordinarily covered in standard courses. Topics to be announced. Study may include readings, reports, group discussions, and laboratory activities. May be repeated in a different topic. Prerequisite: Permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

INFORMATION SERVICES AND TECHNOLOGY

Please note that courses in Information Services and Technology will be offered as frequently as possible. For a specific schedule of courses, students should contact the Chairperson of the Department of Secondary Education and Foundations.

Courses Open to Juniors, Seniors, and Graduate Students

4870 IST. Communication, Resources and Technology. (2-2-3) Theory and principles of communication and technology in the use of instructional resources. Includes methods and techniques, equipment operation, and simple production skills.

4970 IST. Special Topics in Technology. (Arr.-Arr.-1-4) On demand. Study of special topics and emerging areas in technology not ordinarily covered in standard courses. Topics to be announced. Study may include readings, reports, group discussions, and laboratory activities. May be repeated in a different topic. Prerequisite: Permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

INTENSIVE ENGLISH PROGRAM

These courses are designed for non-English-speaking students. Enrollment approval is necessary from the program coordinator. Course credit does not count toward graduation.

0400 IEP. Grammar. (5-0-1-3) (Credit does not count toward graduation. Does not count in cumulative GPA.) For non-native students who have not yet met language requirements for admission to Eastern or who have not successfully demonstrated English

proficiency as demonstrated by the battery of tests administered upon arrival at EIU. Instruction in English grammar at the basic, intermediate and advanced levels. This class may be repeated for up to nine (9) hours. Prerequisite: Admission to the Intensive English Language Center.

0410 IEP. Listening and Speaking. (5-0-1-3) (Credit does not count toward graduation. Does not count in cumulative GPA.) For non-native students who have not yet met language requirements for admission to Eastern or who have not successfully demonstrated English proficiency as demonstrated by the battery of tests administered upon arrival at EIU. Instruction in listening/speaking skills at the basic, intermediate and advanced levels. This class may be repeated for up to nine (9) hours. Prerequisite: Admission to the Intensive English Language Center.

0420 IEP. Reading. (5-0-1-3) (Credit does not count toward graduation. Does not count in cumulative GPA.) For non-native students who have not yet met language requirements for admission to Eastern or who have not successfully demonstrated English proficiency as demonstrated by the battery of tests administered upon arrival at EIU. Instruction in reading at the basic, intermediate and advanced levels. This class may be repeated for up to nine (9) hours. Prerequisite: Admission to the Intensive English Language Center.

0430 IEP. Writing. (5-0-1-3) (Credit: does not count toward graduation. Does not count in cumulative GPA.) For non-native students who have not yet met language requirements for admission to Eastern or who have not successfully demonstrated English proficiency as demonstrated by the battery of tests administered upon arrival at EIU. Instruction in composition at the basic, intermediate and advanced levels. This class may be repeated for up to nine (9) hours. Prerequisite: Admission to the Intensive English Language Center.

JOURNALISM

Undergraduate Courses

2001 JOU. Journalism and Democracy. (3-0-3) An examination of the role of journalism and news in a democracy, the effects of the news media on society and the individual, the importance of an informed electorate in a free society, and the responsibility of citizens to know, think and speak out about public issues. **MC 911**

2091 JOU. Journalism and Democracy, Honors. (3-0-3) On demand. An examination of how news and the media affect individuals and society and how both interact with the media. Special emphasis will be given to the role of media in a democracy and news in society. Prerequisite: Admission to the University Honors Program.

2101 JOU. Newswriting I. (2-2-3) Principles of gathering and writing news; lab experiences with basic news stories. Interview techniques, writing of obituaries and speech stories. Prerequisites: Compliance with the Journalism Writing Competency Standard, typing skill 25 wpm and JOU 2001, or permission of the department chairperson. **MC 919**

2901 JOU. Introduction to Copyediting. (1-2-2) The study of principles and practices of editing copy, including duties and role of copy editor and copy flow patterns in the process of preparing local and wire service articles for publication or broadcast. Prerequisites: A minimum grade of "C" in JOU 2101 and compliance with the Journalism Writing Competency Standard.

3000 JOU. Newswriting II. (2-2-3) F, S. Advanced techniques of reporting for newspaper and telecommunications; laboratory experience with public affairs reporting. Prerequisites: A minimum grade of "C" in JOU 2101 and compliance with the Journalism Writing Competency Standard.

3001 JOU. News Photography. (2-2-3) Photographic work in journalism with emphasis on photo content. Prerequisite: A minimum grade of "C" in JOU 2101 or permission of the instructor.

3102 JOU. Feature Writing. (3-0-3) S. Study and practice of developing and writing feature material for newspapers and magazines, including information-gathering, marketing, and surveying the place of features in the print media. Prerequisite: A minimum grade of "C" in JOU 2101 or permission of the instructor.

3301 JOU. News Editing. (1-2-2) F, S. The study of principles and practices of headline writing, use of graphics, and layout as used principally in newspapers. Prerequisites: A minimum grade of "C" in JOU 3000, 3002, and junior standing, or permission of the instructor. Credit will not be given for both JOU 3301 and 3302.

3302 JOU. Public Relations and Magazine Editing. (1-2-2) F, S. The study of principles and practices of headline writing, use of graphics, and layout as used in public relations publications and magazines. Prerequisites: A minimum grade of "C" in JOU 3002 and junior standing or permission of the instructor. Credit will not be given for both JOU 3302 and 3301.

3501 JOU. Principles of Advertising. (3-0-3) S. Principles of advertising with special emphasis on newspaper design and sales. Prerequisite: A minimum grade of "C" in JOU 3301 or 3302 or permission of the instructor.

3610 JOU/SPC. Broadcast News Writing. (2-2-3) Emphasis will be placed upon fitting news copy and coverage to station requirements and audience needs in varying market situations. This course will include news gathering, analysis, editing, and rewriting of wire service copy for broadcasting. Prerequisite: JOU 3000 or SPC 2520.

3620 JOU/SPC. Electronic News Gathering. (2-2-3) A study of the electronic news gathering process, editing, presentation and evaluation for radio and television. Creation of special programs for WEIU. Prerequisites: SPC 2520 or JOU 2101; two of SPC 3520, 3540, 3610.

3701 JOU. Online Journalism. (1-0-1) On demand. In-depth study of the implications of the Internet on journalistic media. Prerequisites: A minimum grade of C in JOU 3301 or JOU 3302 or permission of the instructor and concurrent enrollment in JOU 3702.

3702 JOU. Online Journalism Lab. (0-4-2) On demand. In-depth laboratory for the design and production of journalistic web sites using elements of design, photography, audio, and video as means of journalism delivery. Prerequisites: A minimum grade of C in JOU 3301 or JOU 3302 or permission of the instructor and concurrent enrollment in JOU 3701.

3820 JOU. Publicity Methods. (3-0-3) Publicizing events, products and organizations through the press. Practical application stressed. For those who will do publicity as part of their careers in business, family and consumer sciences, science, etc. Not open to journalism majors.

3903 JOU. Women and the Media. (3-0-3) An overview of women's roles as media participants and consumers. Effects of media treatment of women on society and individuals. Examination of the images and roles of women in media such as newspapers and magazines. Prerequisite: ENG 1002G.

3920 JOU/SPC. Public Relations in Society. (3-0-3) F. A study of the impact public relations has in society with major emphasis on providing information to the media (publicity); establishing mutually beneficial relations (employee, consumer, and community relations); and serving as the organization's conscience (counseling).

3950 JOU. Special Topics. (Arr.-Arr.-1 to 3) On demand. A course devoted to special topics in journalism. May be taken as many as two times with permission of the department chairperson

and the Dean of the College of Arts and Humanities. Prerequisites: JOU 2001 and permission of the instructor.

3951 JOU. Minorities and the Media. (3-0-3) S. A course devoted to the purpose, problems, and present status of the minority press in the United States, and to the treatment of minorities in the majority media. Students are encouraged to develop research interests and to present their discoveries through oral and written presentation. Prerequisite: ENG 1002G.

3952 JOU. International Journalism and the World Press: Processes, Issues, Functions and Challenges. (3-0-3) On demand. A course devoted to the study of world press systems. The course will examine issues and processes of international news dissemination as well as the nature and functions of the press in selected countries/regions, with an emphasis on socio-political and economic factors.

3953 JOU/SPC. Perspectives on Sports and the Media. (3-0-3) On demand. An examination of the impact sports and the mass media have had and are continuing to have on each other. Focus on the history of sports writing and sports broadcasting and the state of these fields today. Prerequisites: ENG 1001G and 1002G, JOU 2001 or SPC 2520 or permission of the instructor.

4001 JOU. Newspaper Management. (3-0-3) On demand. Understanding of skills and attitudes necessary to publish a community newspaper. Prerequisite: JOU 4101 or permission of the instructor.

4101 JOU. Communication Law. (3-0-3) F, S. The legal limitations and rights of journalists. In-depth studies of First Amendment theory, libel, privacy, free press and fair trial, access to information, confidentiality and copyright. Prerequisite: A minimum grade of "C" in JOU 3000 or permission of the instructor.

4102 JOU. Journalism Ethics. (2-0-2) F, S. Ethical principles and issues of journalism; philosophical and professional standards of reporting and editing for newspapers and broadcast journalism. Prerequisite: A minimum grade of "C" in JOU 3301 or 3302 or permission of instructor.

4275 JOU. Journalism Internship. (Arr.-Arr.-1-3) (Credit/No Credit) Actual training in a print or electronic news medium or in a related professional journalism environment. Prerequisite: JOU 4101 or permission of instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4750 JOU. Independent Study. (Arr.-Arr.1-3) On demand. Individual pursuit of in-depth study of selected topic in Journalism developed by student. Prerequisites: 75 semester hours and approval of the Department of Journalism chairperson. Course may be repeated for maximum of three semester hours with approval of Journalism chairperson.

4751 JOU. Photojournalism: Photoediting and Design. (3-0-3) S. Theory and practice of the photo essay, photo story and other extended forms of photojournalism from inception to display. Stresses magazine-style presentation in book, magazine and newspaper form. Prerequisite: A minimum grade of "C" in JOU 3001 or permission of instructor.

4760 JOU. Publication Design. (3-0-3) F, S. Study and application of advanced editing, typography, graphics, and the design of magazines, newspapers, public relations pieces, advertisements, and yearbooks. Prerequisite: A minimum grade of "C" in JOU 3301 or 3302 or permission of instructor.

4770 JOU. News Media Opinion Writing and Editing. (3-0-3) S. Study and practice of how news media perform their opinion function, with emphasis on writing editorials and editing newspaper opinion pages. Prerequisite: JOU 4102 or permission of instructor.

4801 JOU. Issues in Supervising High School Publications. (1-0-1) On demand. Su. Study of the issues faced by advisers to high school publications with emphasis on adviser, administration and staff relationships; staff recruitment and motivation; publication, finance and management; and legal and ethical issues. Prerequisite: Permission of instructor.

4802 JOU. Issues in Supervising High School Newspapers. (1-0-1) On demand. Su. Study of the issues faced by advisers to high school newspapers with emphasis on the adviser's roles and duties; development and implementation of editorial policies; staff organization; development of content; and writing, editing, design and production. Prerequisite: JOU 4801 or permission of instructor.

4803 JOU. Issues in Supervising High School Yearbooks. (1-0-1) On demand. Su. Study of the issues faced by advisers to high school yearbooks with emphasis on the adviser's roles and duties; development and implementation of editorial policies; staff organization; development of content; and writing, editing, design and production. Prerequisite: JOU 4801 or permission of instructor.

4804 JOU. Special Topics in Supervising High School Publications. (1-0-1 or 2-0-2) On demand. Su. In-depth study of selected topics related to supervising high school publications. May be taken as many as three times with permission of the department chair. Prerequisite: Permission of the instructor.

4900 JOU. Journalism Seminar. (3-0-3) On demand. In-depth study of various topics in journalism. Prerequisite: A minimum grade of "C" in JOU 3301 or 3302 or permission of instructor.

4919 JOU/SPC. Public Relations Techniques. (3-0-3) Effective techniques of a public relations program including basic concepts and principles of the public relations profession, the roles and functions, planning, managing, and executing campaigns. Prerequisite: JOU 3302. For public relations minors only.

4920 JOU. Case Studies in Public Relations Problems. (3-0-3) S. Public relations case problems in industry, business, labor, education, government social welfare and trade associations; the application of public relations techniques. Prerequisite: SPC 4820. For public relations minors only. Credit not granted for both JOU 4920 and Speech Communication 4920.

For graduate courses, see the *Graduate Catalog*.

JUNIOR HIGH EDUCATION ***(See Middle Level Education)***

LATIN AMERICAN STUDIES

Undergraduate Course

4400 LAS. Latin American Studies. (Arr.-Arr.-3) On demand. Individual study of a topic of the student's choice under the direction of a faculty member approved by the Chairperson of the Latin American Studies Committee. The student must submit and receive approval of a detailed study plan prior to central registration. Prerequisite: Enrollment in the Latin American Studies minor; consent of supervising faculty member and permission of the Chairperson of the Latin American Studies Committee.

MANAGEMENT

Undergraduate Courses

3091 MGT. Management and Organization Behavior, Honors. (3-0-3) On demand. Organization fundamentals: objectives, functions, structure and operational procedures, interpersonal relationships, control and motivational systems, and communications. Prerequisites: Junior standing, admission to the College Honors Program, and admission to the School of Business or permission of the Associate Chair.

3450 MGT. Human Resource Management. (3-0-3) A survey of concepts relating to the personnel function: Recruitment, selection, compensation, labor relations, training and development, and performance appraisal. Prerequisite: BUS 3010.

3470 MGT. Commercial Law. (3-0-3) A survey of law of sales, commercial paper, secured transactions, debtor-creditor law, and bankruptcy. Prerequisites: BUS 2750, junior standing, and admission to the School of Business or permission of the Associate Chair.

3480 MGT. Law of Business Organizations. (3-0-3) A survey of the law of agency, partnerships, corporations, insurance, real estate and estates. Prerequisites: BUS 2750, junior standing, and admission to the School of Business or permission of the Associate Chair.

3800 MGT. Introduction to Operations Research. (3-0-3) On demand. An introduction to, and survey of, the quantitative methods and techniques of modern science to today's problem of management decision-making. Topics include linear programming, network models, decision theory, and queuing theory. Includes application of computer software solution techniques. Prerequisites: MAT 2110G or 2120G, junior standing, admission to the School of Business or majoring in math or chemistry with a concentration in Chemistry Management or permission of the Associate Chair.

3830 MGT. Managerial Communications. (3-0-3) A study of the preparation, organization, and presentation of written and oral research-oriented reports required for job-related assignments based on business or technical positions. Prerequisite: Junior standing.

3970 MGT. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4275 MGT. Internship in Management. (Arr.-Arr.-1-12) (Credit/No Credit) On-the-job experience in a phase of management for one semester in a firm approved by the associate chair, School of Business. Prerequisites: BUS 3010 and admission to the School of Business or permission of the Associate Chair. Up to 12 hours of internship credit may be counted for graduation.

4310 MGT. Organizational Behavior. (3-0-3) F, S. A study of concepts and theories relating to the behavior of individuals and groups in organizations. Prerequisite: BUS 3010.

4320 MGT. Small Business and Entrepreneurship. (3-0-3) Study of small business management and entrepreneurship. Topics include role of small business, knowledge needed to start a business, and the business plan. Prerequisites: BUS 3010, 3470, and 3710.

4330 MGT. Entrepreneurial Law. (3-0-3) F, S. A study of the laws, legal issues, and ethical issues affecting entrepreneurs and small businesses from business start up through daily operations to termination. Prerequisites: BUS 2750 and junior standing.

4340 MGT. Strategic Quality Management. (3-0-3) F, S. A study of organizations and management from a Macro perspective. Emphasis is on the systems approach and the application of quality management principles and practices in designing organizational structures. Prerequisite: BUS 3010 and admission to the School of Business or permission of the Associate Chair.

4370 MGT. Compensation Management. (3-0-3) F, S. A comprehensive analysis of the compensation management processes and practices in organizations. Prerequisites: BUS 3010 and MGT 3450.

4391 MGT. Strategy and Policy, Honors. (3-0-3) S. Prerequisites: BUS 1950, 2101, 2102, 2750, 2810, 3010, 3470, 3500, 3710, 3950, senior standing, admission to the School of Business or the permission of the Associate Chair and admission to the College Honors Program. (Note: Computer Management majors are not required to take BUS 3500, and accounting majors are required to take ACC 3100 instead of BUS 3500.)

4450 MGT. Labor Relations and Employment Law. (3-0-3) A study of the legal framework governing regulation of human resource management, including equal employment opportunity laws, workers' compensation, occupational safety and health, labor law, and grievance resolution. Prerequisites: BUS 2750, MGT 3450, and admission to the School of Business or permission of the Associate Chair.

4500 MGT. Human Resource Development. (3-0-3) F, S. A study of the human resource staffing functions with an emphasis on human resource development (HRD). Topics include recruitment, selection, training and development, and TQM in human resource management. Prerequisite: MGT 3450 and admission to the School of Business or permission of the Associate Chair.

4550 MGT. Current Issues in Human Resources Management. (3-0-3) S. A study of the current issues in Human Resource Management (HRM). Topics include current trends, issues and their applications in HRM. Prerequisite: MGT 3450 and admission to the School of Business or permission of the Associate Chair.

4600 MGT. International Business Policy and Operation. (3-0-3) On demand. Contemporary theories and practices in management of international business firms. Prerequisites: Junior standing, ECN 3860 or permission of the instructor, and admission to the School of Business or permission of the Associate Chair.

4700 MGT. Special Topics in Management. (3-0-3) F. A study of management techniques: What they are, how to use them, and the results that might be expected from their application. Prerequisite: BUS 3010 and admission to the School of Business or permission of the Associate Chair.

4740 MGT. Independent Study. (Arr.-Arr. 1, 2, or 3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative GPA of 3.0 or higher; consent of the supervising instructor and approval of a completed application by the associate chair, School of Business, prior to registration; admission to the School of Business or permission of the Associate Chair.

Courses Open to Juniors, Seniors, and Graduate Students

4800 MGT/COM/INT. Management of Innovation and Technology. (3-0-3) As needed. Study of the development, adoption and implementation of new technology in industry. The focus is on the integration of business and technology strategies. Prerequisite: Senior standing and admission to the School of Business or permission of the Associate Chair.

4950 MGT. Management Consulting Research. (Arr.-Arr.-3) S. Students in this course will be provided with the opportunity to perform consulting service for small business firms in east central Illinois. Prerequisite: Senior or graduate standing in the School of Business and admission to the School of Business or the permission of the Associate Chair.

MARKETING

Undergraduate Courses

3490 MAR. Business-to-Business Marketing. (3-0-3) F, S. Development of comprehensive programs of product, pricing, promotion, and distribution strategies for marketing to businesses and not-for profit organizations. Prerequisites: BUS 3470, and admission to School of Business or permission of the Associate Chair.

3720 MAR. Buyer Behavior. (3-0-3) The buying process at the levels of ultimate consumer, intermediate reseller and industrial user; psychological, sociological and economic foundations of buying behavior. Prerequisite: BUS 3470.

3780 MAR. Promotion Management. (3-0-3) F, S. Development of comprehensive, non-personal, promotional campaigns to effectively communicate product offerings and organizational messages to target audiences. Prerequisite: BUS 3470 and admission to the School of Business or permission of the Associate Chair.

3860 MAR. Marketing Research. (3-0-3) F, S. Nature and scope of marketing research; scientific method and research designs; specific marketing research procedures; research report and follow-up. Problems. Prerequisites: BUS 3470, BUS 2810, and admission to the School of Business or permission of the Associate Chair.

3875 MAR. Retail Management. (3-0-3) F, S. The objective of the course is to provide a framework for analyzing internal and external environment factors which affect the firm's retailing activities. Emphasis is placed on the firm's decisions and policies relating to demand analysis, spatial decisions, merchandise policies, pricing strategy, and promotion activities. Consideration is also given to retail control methods. Prerequisite: BUS 3470.

3970 MAR. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4100 MAR. Special Topics in Marketing. (3-0-3) Special topics in marketing. Topics to be announced. Prerequisite: BUS 3470 and admission to the School of Business or permission of the Associate Chair.

4275 MAR. Internship in Marketing. (Arr.-Arr.-1-12) (Credit/No Credit) On-the-job experience in some phase of marketing for one semester, in a firm approved by the associate chair, School of Business. Prerequisites: BUS 3470 and admission to the School of Business or permission of the Associate Chair. Up to 12 hours of internship credit may be counted for graduation.

4470 MAR. Professional Sales. (3-0-3) F, S. Students develop professional sales presentations through the application of both oral and written communication skills in the determination and satisfaction of buyers' needs. Prerequisites: BUS 3470 and admission to the School of Business or permission of the Associate Chair.

4480 MAR. Sales Management. (3-0-3) S. This course encompasses the study of the marketing management function of planning, organizing, directing, and evaluating the sales efforts, emphasizing effective structure, supervision, and evaluation of the outside sales force and the sales support organization. Prerequisites: MAR 4470 and admission to the School of Business or permission of the Associate Chair.

4490 MAR. International Marketing. (3-0-3) An introduction to foreign trade with emphasis on international marketing institutions, cooperation, and technical features of overseas operations. Prerequisite: BUS 3470 and admission to the School of Business or permission of the Associate Chair.

4700 MAR. Marketing Strategies. (3-0-3) A study of the analysis, planning, implementation and control of marketing activities which are designed to achieve consumer satisfaction and the objectives of the organization. Prerequisites: BUS 3470, MAR 3720, senior standing, either (a) six semester hours of marketing or (b) MGT 4320 and three semester hours of marketing, and admission to the School of Business or permission of the Associate Chair.

4740 MAR. Independent Study. (Arr.-Arr.-1, 2, or 3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: BUS 3470, senior standing, cumulative GPA of 3.0 or higher, consent of the supervising instructor and admission to the School of Business or permission of the Associate Chair.

MATHEMATICS

In planning student programs it is important to check the course prerequisites including placement exam requirements as listed with the course descriptions below. "High school mathematics" as used here includes high school courses in algebra, geometry, and trigonometry and modern courses which integrate these subjects; it does not include "general mathematics," "consumer mathematics," "shop mathematics," etc.

When ACT scores are used for placement purposes, scores of 18 or less on the mathematics portion generally will result in placement in non-credit courses such as MAT 1020, 1070, or 1270. Incoming students should consider taking appropriate courses to strengthen their background the summer prior to enrollment.

A tutoring service is available in the Department of Mathematics throughout the year for students who may need assistance in undergraduate courses.

Courses in the Department of Mathematics are designed to serve the following purposes: (1) to contribute to the development of an informed citizenry; (2) to provide specific skills and knowledge of the discipline for those who plan to pursue careers in teaching mathematics or industry; (3) to provide the background for graduate study; and (4) to provide service for those disciplines outside mathematics.

Except for MAT 1440G and 1441G, and MAT 1441G proficiency credit will not be allowed for courses numbered below 2000.

Undergraduate Courses

1020 MAT. Diagnostic Mathematics. (0-3-1) (Credit/No Credit) MAT 1020 is not a specific course but an opportunity for those students who are underprepared in the area of mathematics. This course is designed for elementary and middle level education majors and is to be taken simultaneously with MAT 1420. The purpose of this course is to strengthen the mathematical skills needed to successfully complete MAT 1420. Does not count toward graduation; does not count in cumulative GPA.

1070 MAT. Diagnostic Mathematics. (0-3-1) (Credit/No Credit) MAT 1070 is not a specific course but an opportunity for those students who are underprepared in the area of mathematics. This course is designed for students enrolled in MAT 1270 and is to be taken simultaneously with MAT 1270. The purpose of this course is to strengthen the mathematical skills needed to successfully complete the MAT 1270-1271 sequence. Does not count toward graduation; does not count in cumulative GPA.

1099 MAT. Microcomputer Programming with Applications. (1-2-2) F, S. Microcomputer programming in BASIC through algorithmic thinking. Applications of microcomputers to various disciplines, current technology, and graphics. Credit is not given for this course if student has credit for another college-level programming course.

1160G MAT. Mathematics: A Human Endeavor. (3-0-3) F, S. Development of mathematical reasoning and problem solving, through concentrated study of three or four topics. Areas may include logic, sets, probability, statistics, graph theory, number theory, and/or geometry. Prerequisites: ENG 1001G; and satisfactory completion (C or better) of high school Geometry and Intermediate Algebra, or MAT 1271. This course should not be considered as preparatory for other courses in mathematics. **M1 904**

1170G MAT. Problem Solving. (3-0-3) F, S. A writing-intensive course in which students are presented with challenging problems in mathematics and are required to develop their own problem solving strategies and tactics. Prerequisites: ENG 1001G; and satisfactory completion (C or better) of high school Geometry and Algebra II, or MAT 1271. This course should not be considered as preparatory for other courses in mathematics.

1180 MAT. Historical Development of Mathematics. (3-0-3) F. Examine the nature of mathematical problem-solving by taking an area such as geometry, infinity, equations, calculus, etc., and considering its development from an historical perspective. Prerequisite: ENG 1001G and satisfactory completion (C or better) of

high school Geometry and Algebra II, or MAT 1271. This course should not be considered as preparatory for other courses in mathematics.

1270 MAT. Algebra I. (3-0-2) (Does not count in cumulative grade point average or for graduation) Equations, exponents, absolute value, inequalities, polynomials, factoring, real and complex numbers, synthetic division, radicals, quadratic equations. Prerequisite: Placement by ACT Mathematics score.

1271 MAT. Algebra II. (3-0-3) Linear and quadratic functions and inequalities; exponential, logarithmic, and inverse functions; applications to business; algebra of functions and matrices; row elimination; graphing. (Recommended as preparation for MAT 2110G, 2120G, and 2190G.) Prerequisite: MAT 1270 with a grade of C or better, or placement by ACT Mathematics score.

1310 MAT. College Trigonometry. (2-0-2) Basic concepts of right triangle trigonometry with applications. Corequisite of MAT 1271 or 1400 or 1430 or placement by ACT Mathematics score. Not open to math majors or students who have completed or are enrolled in MAT 1330.

1330 MAT. Analytical Trigonometry. (2-0-2) Analytical approach to trigonometry, its properties and applications. (Recommended as preparation for MAT 1440G and/or MAT 1441G.) Prerequisite: Placement by ACT Mathematics score.

1340 MAT. Analytic Geometry. (3-0-3) F, S. Coordinate systems, conic sections, polar and parametric forms. Prerequisite: MAT 1310 or MAT 1330 or demonstrated competence in trigonometry.

1400 MAT. Precalculus Mathematics. (3-0-3) F, S. Algebraic concepts and skills needed for calculus. (Recommended as preparation for MAT 1441G. However, this course will not cover trigonometry, and students are encouraged to take MAT 1330 to gain the trigonometric skills required in MAT 1441G.) Credit not granted for both MAT 1271 and 1400. Prerequisite: Placement by ACT Mathematics score.

1420 MAT. Introductory Mathematics and Numeration. (3-0-3) F, S. The study of the concepts and theory of numeration, probability, and statistics as well as the development of the numeration system via a problem-solving approach using both calculators and microcomputers throughout. Prerequisite: Placement by ACT Mathematics score. This course should not be considered as preparatory for other courses in mathematics.

1430 MAT. Precalculus and Calculus. (4-0-4) F, S. Limits, continuity, and derivatives for functions of one variable, with algebraic concepts and skills integrated into the course as needed. This course, along with MAT 1440G, takes the place of MAT 1400 and MAT 1441G. Credit will not be granted for both MAT 1400 and 1430. Prerequisite: Satisfactory completion (C or better) of high school Geometry and Intermediate Algebra. Placement by ACT Mathematics score.

1440G MAT. Calculus. (4-0-4) F, S. The definite integral and its applications, with algebraic concepts and skills integrated as needed. This course along with MAT 1430 takes the place of MAT 1400 and MAT 1441G. Credit will not be granted for both MAT 1440G and 1441G. Prerequisites: C or better in MAT 1330 and MAT 1430.

1441G MAT. Calculus and Analytic Geometry I. (5-0-5) F, S. Limits, continuity, and derivatives for functions of one variable, applications of the derivative, the definite integral, applications of the integral. Prerequisites: Placement by ACT Mathematics score, or C or better in both MAT 1330 and MAT 1400. **M1 900; EGR 901; MTH 901**

2110G MAT. Brief Calculus with Applications. (3-0-3) F, S. Differentiation and integration of polynomial, rational, exponential, and logarithmic functions, with applications to business and social science. Prerequisite: MAT 1271 with a C or better, or placement by ACT Mathematics score. **M1 900**

2120G MAT. Finite Mathematics. (3-0-3) F, S. Elementary counting theory, probability, and linear programming, with applications to business and social science. Prerequisite: MAT 1271 with a grade of C or better, or placement by ACT Mathematics score. **M1 906**

2170 MAT. Computer Science I. (2-2-3) F, S. The development of algorithmic solutions to numeric and non-numeric problems. Implementation in a block-structured programming language such as Pascal. Prerequisite: Credit for or concurrent enrollment in MAT 1440G or 1441G or 2110G. Students may count only four hours from MAT 2310 or 2170. **EGR 922; CS 911; MTH 922**

2190G MAT. Finite Mathematics, Honors. (3-0-3) On demand. Elementary counting theory, probability, and linear programming, with applications to business and social science. Prerequisites: MAT 1271 with a grade of C or better, or placement by ACT Mathematics score, and admission to the University Honors Program. **M1 906**

2250G MAT. Elementary Statistics. (4-0-4) F, S. Descriptive and inferential statistics including measures of central tendency and dispersion, confidence intervals, and hypothesis testing. Recommended as a first course in statistics. Not open to mathematics majors. Prerequisites: Satisfactory completion (C or better) of high school Geometry and Intermediate Algebra, or MAT 1271; or placement by ACT Mathematics score. **M1 902**

2290G MAT. Elementary Statistics, Honors. (4-0-4) On demand. Descriptive and inferential statistics, including measures of central tendency and dispersion, confidence intervals, and hypothesis testing. Recommended as a first course in statistics. Not open to mathematics majors. Prerequisites: Satisfactory completion (C or better) of high school Geometry and Intermediate Algebra, or MAT 1271; or placement by ACT Mathematics score, and admission to the University Honors Program. **M1 902**

2310 MAT. Computer Programming-FORTRAN. (2-2-3) The application of MAT procedure-oriented computer languages (FORTRAN) to both numeric and non-numeric algorithms. Not open to freshmen. Prerequisite: Credit for or concurrent enrollment in MAT 1440G or MAT 2110G or MAT 1441G. **EGR 921; MTH 922**

2345 MAT. Elements of Discrete Mathematics. (3-0-3) Survey discrete structures and methods. Includes set theory, graph theory, recurrence relations, analysis of algorithms and Boolean algebras. Prerequisite: MAT 1440G or MAT 1441G or permission of the instructor. **M1 905; CS 915**

2420G MAT. Introductory Geometry. (3-0-3) F, S. Geometric relationships using a problem solving approach and higher order thinking skills. Topics investigated from practical and theoretical viewpoints, emphasizing understanding via concrete modeling, as suitable for pre-service K-8 teachers. Prerequisite: Satisfactory completion (C or better) of high school Geometry and Intermediate Algebra, and MAT 1420, with a C or better. **M1 903**

2442 MAT. Calculus and Analytic Geometry II. (5-0-5) F, S. Transcendental functions, techniques of integration, further applications of the integral, parametric equations and polar coordinates, infinite sequences and series. Prerequisite: C or better in MAT 1440G or MAT 1441G. **M1 900; EGR 902; MTH 902**

2443 MAT. Calculus and Analytic Geometry III. (4-0-4) F, S. Three-dimensional analytic geometry and vectors, differential calculus of multivariate functions, integral calculus of multivariate functions, line and surface integrals. Prerequisite: C or better in MAT 2442. **M1 900; EGR 903; MTH 903**

2550 MAT. Introduction to Linear Algebra. (3-0-3) The study of linear algebra and its applications. Prerequisite: MAT 1440G or MAT 1441G.

2670 MAT. Computer Science II. (2-2-3) S. Introduction to programming techniques and data structures: stacks, queues and

lists; recursion; object oriented programming. Prerequisite: MAT 2170 or 2310 or permission of the instructor. **CS 912**

2800 MAT. Foundations of Mathematics. (3-0-3) F, S. An introduction to the foundations of mathematics. The course emphasizes the material needed as background for upper division mathematics and the tools necessary for mathematical thought. Prerequisite: MAT 2442.

3271 MAT. College Geometry I. (3-0-3) F, S. The study of geometry including a review of elementary geometry. Euclidean and transformation geometries. Prerequisite: C or better in MAT 1440G or MAT 1441G and 2550.

3272 MAT. College Geometry II. (3-0-3) S. The study of selected topics in advanced Euclidean geometry, non-Euclidean, projective and inversion geometries. Prerequisite: C or better in MAT 3271.

3320 MAT. Microcomputers in Education. (2-1-2) F, S. A study of the uses of microcomputers in the classroom, including computer literacy, computer assisted instruction, computer managed instruction, and programming. Prerequisite: Enrollment restricted to education majors with junior standing. Not open to mathematics majors, including those in the teacher certification option.

3400 MAT. Teaching Secondary Mathematics. (3-2-4) F, S. Methods and materials for teaching mathematics in grades 7-12. Thirty clock hours in pre-student teaching are required. Prerequisites: EDP 3325, SED 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110; MAT 3271 and 3530.

3501 MAT. Differential Equations I. (3-0-3) F, S. Formal solutions of ordinary differential equations: a critical analysis of some elementary types; envelopes, trajectories, Laplace transformations applications. Prerequisite: C or better in MAT 2442. **EGR 904; MTH 912**

3502 MAT. Differential Equations II. (3-0-3) S. Systems of differential equations, series solutions, approximations to solutions, Laplace transformations, partial differential equations, boundary value problems. Prerequisites: MAT 2443 and 3501.

3520 MAT. Teaching Mathematics in Grades K-6. (1-1-1) F, S. The study of methods and materials for teaching mathematics in grades K through 6. Restricted to students in the elementary education or special education curriculum. Prerequisites: MAT 1420, with a C or better, and MAT 2420G.

3530 MAT. Abstract Algebra. (4-0-4) F, S. An introduction to abstract algebra including: operations and relations, mappings, groups, rings, and fields. Prerequisite: MAT 2800.

3570 MAT. Numerical Calculus. (3-0-3) S. Construction of algorithms for interpolation, quadrature, solution of equations and systems, solutions of ordinary differential equations. Prerequisites: MAT 2310 or 2170, 2443, and 2550.

3620 MAT. Teaching Mathematics 6-9. (2-2-3) F, S. The study of methods and materials for teaching mathematics in grades six through nine. Restricted to students in the curriculum for elementary middle school, junior high, or special education teachers. Prerequisites: MAT 1271 or placement by ACT Mathematics score; and MAT 1420 and 2420G, all with a C or better.

3670 MAT. Principles of Computer Systems. (2-2-3) F, S. Computer organization, data representation, instruction sets, syntax and semantics of assembly language programming, the assembly process, implementation of subroutines, I/O and interrupts. Prerequisites: MAT 2170 or 2310 or COM 2310.

3701 MAT. Probability and Statistics I. (3-0-3) F, S. Basic concepts of probability and statistics. Prerequisite: MAT 2443.

3702 MAT. Probability and Statistics II. (3-0-3) S. Basic concepts of probability and statistics. Prerequisite: MAT 3701.

3770 MAT. Combinatorial Computing. (3-0-3) F. Enumeration and counting-- generating functions and recurrence relations; graph theory-- trees, circuits, outsets, transport networks; computational aspects of combinatorics. Prerequisite: MAT 2345 or permission of instructor.

3800 MAT. Seminar in Mathematics. (2-0-2) F, S. Seminar in topics which are not covered under the usual course offerings of the Department of Mathematics. More than one section in more than one topic possible each semester. Prerequisite: Permission of instructor.

4275 MAT. Internship in Mathematics and Computer Science. (Arr.-Arr.-10 to 15; 1-5 during intercession provided there is concurrent registration in the summer term.) (Credit/No Credit) Employment experience in computational mathematics for one semester, in an approved firm or agency. This course to be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. Prerequisite: Credit applicable for graduation only in Mathematics and Computer Science major. Acceptance of the student by a firm on the basis of the student's application and permission of the chairperson of the Mathematics Department. Permission may be denied if the student does not have an overall GPA of at least 2.50 and a major grade-point average of at least 2.75.

4335 MAT. Undergraduate Topics. (3-0-3) On demand. Selected topics in advanced mathematics. Topics may vary depending on student and faculty interests. May be repeated for credit, with change of topic. Prerequisite: Permission of the instructor.

4444 MAT. Independent Study, Honors. (Arr.- 0, 1 to 3) Consideration of a special area in mathematics of interest to the student, chosen with the approval of a faculty supervisor and the Departmental Honors Coordinator. Recommended as a first step toward undergraduate research (see Mathematics 4555), but by no means restricted to this purpose. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4490 MAT. Independent Study. (Arr.-Arr.-1 to 3) Intensive individual study on a topic by the student under the supervision of the instructor. May be repeated for a maximum of six semester hours. Note: A maximum of three semester hours credit may be applied to the major. Three additional hours may be applied towards graduation. Prerequisites: Permission of departmental chairperson and instructor.

4495 MAT. Undergraduate Research Experience in Mathematics. (Arr.-Arr.-3) On demand. An opportunity for a student to work one-on-one with a faculty member on a problem or topic of mutual interest, culminating in a substantial paper and an oral presentation. Prerequisites: Senior standing and permission of faculty member and department chairperson. Limited to Mathematics majors and Mathematics and Computer Science majors.

4555 MAT. Honors Research. (Arr.-0-1 to 3) The student chooses and pursues an original research problem under the guidance of a faculty mentor and prepares a written report of the results. Expository topics of sufficient originality may be considered. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644 MAT. Honors Thesis. (Arr.-0-3) Preparation of a written thesis on a topic in mathematics approved by a faculty advisor and the Departmental Honors Coordinator. Expository topics of sufficient originality may be considered. Involves intensive research and writing. Prior completion of at least one semester of Honors Research, MAT 4555, is recommended. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 MAT. Honors Seminar. (2 to 4-0-2 to 4) Seminar on a selected area of mathematics. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4750 MAT. Linear Programming. (3-0-3) F. A study of linear inequalities, linear programming problems and the techniques for solving linear programming problems by the simplex method. Prerequisites: MAT 2442; and MAT 2550 or 4760.

4760 MAT. Linear Algebra. (4-0-4) F. Vector spaces, linear transformations, dual spaces, invariant direct sum decompositions, Jordan form, inner product spaces. Prerequisites: MAT 2550 and 3530.

4780 MAT. Mathematics of Interest. (3-0-3) S. Compound and simple interest, annuities, amortization and sinking funds, bonds, and other topics related to insurance. Prerequisites: MAT 2443 and 3701.

4800 MAT. Diagnosis, Remediation and Technology in Teaching Mathematics, K-12. (1-2-2) Su. The study of diagnosis, prescription, and remediation and their applications in teaching mathematics K-12, as well as the applications of modern technological advances to the teaching of mathematics. Prerequisite: MAT 3400 or 3520 or 3620 or permission of the instructor.

4810 MAT. Topics in Elementary and Middle Level Mathematics. (Arr.-Arr.-1 to 4) On demand. Topics from mathematics useful in the elementary, middle level, and/or junior high school such as: probability, history of mathematics, Logo, number theory, etc. This course may be repeated for credit. A maximum of nine semester hours credit may be counted toward a degree program. Prerequisites: High school Geometry and Algebra II, or MAT 1271 or placement by ACT Mathematics score; and MAT 1420 and 2420G, all with a C or better.

4830 MAT. Introduction to Complex Analysis with Applications. (3-0-3) S. Introduction to complex numbers, analytic functions, linear fractional transformations, the Cauchy-Goursat theorem, residues and poles. Prerequisite: MAT 2443.

4850 MAT. Operations Research. (3-0-3) S. Construction and use of mathematical models in industrial problem solving; linear programming, decision and game theory. PERT-CPM, inventory models, queuing theory, and simulation. Prerequisites: MAT 2550, 3702, and 4750.

4855 MAT. Introduction to Topology. (3-0-3) S. Introduction to topological spaces, continuous functions, connectedness, compactness, countability, separation axioms, the Tychonoff theorem, and complete metric spaces. Prerequisite: MAT 3530 or permission of instructor.

4860 MAT. Mathematical Analysis. (4-0-4) F. A study of limits, convergence of sequences and series, continuity, differentiation, and Riemann integration. Prerequisites: MAT 3530 and C or better in MAT 2443.

4870 MAT. Data Structures and Algorithm Analysis. (3-0-3) F. Advanced data structures and analysis of their related algorithms; trees, heaps and graphs; searching and sorting. C++ or another object oriented language will be introduced and used to implement algorithms. Prerequisite: MAT 2670 or permission of the instructor.

4900 MAT. History of Mathematics. (3-0-3) On demand. The Ancient Orient. The period of Ancient Greece. The Hellenistic period. Seventeenth to nineteenth century A.D. The beginnings of modern Mathematics. Prerequisite: MAT 2442.

4910 MAT. Number Theory. (3-0-3) Su-odd-numbered years. Divisibility, primes, congruences, solution of congruences, power

residues, quadratic reciprocity, numerical functions, diophantine equations. Prerequisite: MAT 3530.

4920 MAT. Algebra and Geometry for Middle School and Junior High Teachers. (3-0-3) S. The study of algebra and geometry as formal systems, finite geometries, constructions and the classic impossibilities, tessellations, polyhedra, transformational geometry, symmetry and similarity. Prerequisites: MAT 1271 or placement by ACT Mathematics score; and MAT 1420 and 2420G; all with a C or better. Not open to mathematics majors.

4970 MAT. Principles of Operating Systems. (3-0-3) S. Historical development of operating systems, processes, and concurrency, memory management, file systems, I/O. Case studies include UNIX, DOS, MVS. Prerequisite: MAT 3670 or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

MIDDLE LEVEL EDUCATION

Undergraduate Courses

2000 MLE. The Teacher and the School. (2-1-2) F, S. Observation and data collection techniques, professional issues in teaching, characteristics of schools, curricular organizations, effective teachers, 13 clock hours of structured observation. Prerequisite: Concurrent enrollment with ELE 2320 is recommended, or permission of department chairperson.

3110 MLE. Curriculum and Instruction in Middle-Level School (3-0-3) F, S. Definition and rationale for middle-level education, historical development, curriculum and organizational patterns, teacher's role in middle-level education, and planning for instruction. Prerequisites: MLE 2000 or ELE 2000; and ELE 2320. University Teacher Education requirements apply and department requirements for enrollment must be met.

3150 MLE. Interdisciplinary Teaching in the Middle-Level School. (3-0-3) F, S. Interdisciplinary organization and instruction appropriate for middle-level schools. Emphasis on interdisciplinary approaches and methods that facilitate integrated learning as well as appropriate assessment and evaluation techniques. Prerequisite: MLE 3110 or equivalent or permission of department chairperson. Concurrent enrollment with MLE 4280 and 4760 is desired.

3970 MLE. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 MLE. Practicum in Middle School Curriculum & Instruction. (0-3-1) Supervised middle school clinical experiences with emphasis on curriculum and instruction. Must be taken twice. Minimum 45 clock hours each time. Must be taken concurrently with one or combination of MLE 3110, 3150, 4280 and/or 4760; or with permission of department chair.

4280 MLE. Teaching Reading in the Middle/Secondary School. (3-0-3) S. Techniques for providing appropriate reading instruction in proper sequence for students in grades six through 12. Prerequisite: MLE 3110 or equivalent or permission of department chair. Concurrent enrollment with MLE 3150 and 4760 is preferred.

4741 MLE. Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4760 MLE. Student Social-Emotional Development in the Middle Grades. (3-0-3) F, S. Instruction and planning in exploratory and teacher-based advisor-advisee programs. Prerequisite: MLE 3110 or equivalent or permission of department chairperson. Concurrent enrollment with MLE 3150 and 4280 desired.

4781 MLE. Topics in Junior High/Middle School Education. (1-0-1) On demand. Current research and practices in junior high school/middle school education, (e.g., organization of school advisory programs, utilization of technology, staff development, legal/ethical concerns, curriculum issues, etc.). Prerequisites: MLE 2000 or ELE 2000; ELE 2320; MLE 3110; or permission of department chairperson.

4782 MLE. Topics in Junior High/Middle School Education. (2-0-2) On demand. Current research and practices in junior high school/middle school education, (e.g., organization of school advisory programs, utilization of technology, staff development, legal/ethical concerns, curriculum issues, etc.). Prerequisites: MLE 2000 or ELE 2000; ELE 2320; MLE 3110; or permission of department chairperson.

4783 MLE. Topics in Junior High/Middle School Education. (3-0-3) On demand. Current research and practices in junior high school/middle school education, (e.g., organization of school advisory programs, utilization of technology, staff development, legal/ethical concerns, curriculum issues, etc.). Prerequisites: MLE 2000 or ELE 2000; ELE 2320; MLE 3110; or permission of department chairperson.

For graduate courses, see the *Graduate Catalog*.

MILITARY SCIENCE Undergraduate Courses

1001 MSC. Introduction to Military Science. (1-1-1) F, S. Make your first new peer group at college one committed to performing well and enjoying the experience. Increase self-confidence through team study and activities in basic drill; physical fitness; rappelling; leadership reaction course; first aid; basic marksmanship; Army rank structure; stress management; and nutrition. Learn fundamental concepts of leadership in a profession in both classroom and outdoor laboratory environments. PED 1000 and a weekend exercise are highly encouraged and required for ROTC Scholarship students.

1002 MSC. Introduction to Leadership. (1-1-1) F, S. Learn/apply principles of effective leadership. Reinforce self-confidence through participation in physically and mentally challenging exercises with upper division ROTC students. Develop communication skills to improve individual performance and group interaction. Relate organizational ethical values to the effectiveness of a leader. PED 1000 and a weekend exercise are encouraged for all and mandatory for students with ROTC scholarships. Prerequisite: MSC 1001 or permission of the Department Chair.

2003 MSC. ROTC Camp Challenge. (Arr.-Arr-1 to 6) Su. A five-week summer camp conducted at an Army post. The student receives pay. Travel, lodging, and meal costs are defrayed by the Army. The environment is rigorous, and the training is demanding. No military obligation incurred. Open only to students who have not taken all four of MSC 1001, 1002, 2100, and 2200, and who pass a physical examination (paid for by ROTC). Completion of MSC 2003 qualifies a student for entry into the Advanced Course. Three different cycles are offered during the summer, but spaces are limited by the Army. Students should apply early in the spring semester to ensure a space that best fits their schedule. Prerequisites: Completed application and permission of the Departmental Chair.

2100 MSC. Individual/Team Development. (2-1-2) F, S. Learn/apply ethics-based leadership skills that develop individual

abilities and contribute to the building of effective teams of people. Develop skills in oral presentations, writing concisely, planning of events, coordination of group efforts, advanced first aid, land navigation, and basic military tactics. Learn fundamentals of ROTC's Leadership Assessment Program. PED 1000 and a weekend exercise are highly encouraged and required for ROTC Scholarship students. Prerequisite: MSC 1002 or permission of the Department Chair.

2200 MSC. Team Military Tactics. (2-1-2). F, S. Introduction to individual and team aspects of military tactics in small unit operations. Includes use of radio communications, making safety assessments, movement techniques, planning for team safety/security, and methods of pre-execution checks. Practical exercises with upper division ROTC students. Learn techniques for training others as an aspect of continued leadership development. PED 1000 and a weekend exercise are encouraged for all and required for students with ROTC Scholarships. Prerequisite: MSC 2100 or permission of the Department Chair.

3001 MSC. Leading Small Organizations I. (2-2-3) F. Series of practical opportunities to lead small groups, receive personal assessments and encouragement, and lead again in situations of increasing complexity. Uses small unit defensive tactics and opportunities to plan and conduct training for lower division students both to develop such skills and as vehicles for practicing leadership. Participation in four one-hour sessions of physical fitness training per week and one weekend field training exercise required. Prerequisites: MSC 2003, or MCS 2200, or prior military service, or permission of the Department Chair.

3002 MSC. Leading Small Organizations II. (3-2-4) S. Continues methodology of MSC 3001. Analyze tasks; prepare written and oral guidance for team members to accomplish tasks. Delegate tasks and supervise. Plan for and adapt to the unexpected in organizations under stress. Examine and apply lessons from leadership case studies. Examine importance of ethical decision making in setting a positive climate that enhances team performance. Four one-hour physical fitness training sessions per week and one weekend field training exercise required. Prerequisites: MSC 3001 or permission of the Department Chair.

3003 MSC. ROTC Advanced Camp. (Arr.-Arr.-6) Su. A five-week camp conducted at an Army post. Open only to and required of students who have contracted and completed MSC 3001 and 3002. The student receives pay. Travel, lodging, and meal costs are defrayed by the Army. The Advanced Camp environment is highly structured and demanding, stressing leadership at small unit levels under varying, challenging conditions. Individual leadership and basic skills performance are evaluated throughout the camp. Prerequisites: MSC 3002 and permission of Department Chair.

4001 MSC. Military Law and Administrative Management. (2-2-3) F. Study and application of basic administrative and logistical systems. Study and application of military correspondence and briefing techniques. Introduction to the fundamental concepts of military justice. Study of basic principles and procedures of courts-martial and non-judicial punishment. Four one-hour physical fitness training sessions per week and one weekend field training exercise required. Prerequisites: MSC 3003, or permission of the Department Chair.

4004 MSC. Transition to Lieutenant. (2-2-3) S. Continues the methodology from MSC 4001. Identify and resolve ethical dilemmas. Refine counseling and motivating techniques. Examine aspects of tradition and law as related to leading as an officer in the Army. Prepare for a future as a successful army lieutenant. Four one-hour physical fitness training sessions per week and one weekend field training exercise required. Prerequisite: MSC 4001 or permission of the Department Chair.

4100 MSC. Trends and Issues of Commissioned Service. (1-0-1) F, S. Consideration of needs in making the transition from ROTC cadet to Second Lieutenant. Methods and techniques the newly commissioned officer will require to conduct daily operations in a

troop-leading environment. This course will familiarize the senior cadets with the responsibilities and requirements of a Second Lieutenant. Prerequisite: MSC 3002 or permission of the Department Chair.

4400 MSC. Independent Study in Military Science. (Arr.-Arr.-1 to 3) (No MSC student may earn more than four semester hours credit.) Intensive individual study on a topic selected by the student and approved by the department chair. Prerequisite: MSC 4004 or permission of the Department Chair.

MUSIC

(For information about auditions, applied study, recitals, etc., see page 70.)

Applied Study. Auditions are required for initial placement. May be repeated for credit. Music majors may register for one, two, or four semester hours of credit depending on the degree program. Non-music majors may register for one semester hour credit after receiving permission of the studio instructor.

Prerequisite: Permission of instructor:

- 0010. Voice. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0020. Flute. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0021. Oboe. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0022. Clarinet. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0023. Bassoon. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0024. Saxophone. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0030. Trumpet. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0031. Horn. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0032. Trombone. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0033. Baritone. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0034. Tuba. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0040. Percussion. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0050. Violin. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0051. Viola. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0052. Violoncello. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0053. String Bass. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0054. Harp. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0060. Piano. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0061. Organ. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0062. Harpsichord. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0063. Jazz Piano. (Arr.-Arr.-1, 2 or 4) MUS 909
- 0070. Composition. (Arr.-Arr.-1, 2 or 4)
- 0071. Organ Service Playing. (Arr.-Arr.-1, 2, or 4)

Music Ensembles

Membership in music ensembles is open to all university students, including music majors, minors, and non-majors. Selection can be made on the basis of auditions, which are posted in the Department office prior to each semester. Instruments and lockers are available without charge for students wishing to participate in instrumental ensembles. The various ensembles, with the exception of the **Oratorio Chorus** (comprised of the Concert Choir, Mixed Chorus, and other vocalists for the study and performance of cantatas, oratorios, Masses, and other major choral works) and Pep Band (contact the Band Office for participation), are listed with their specific course description below. Music majors and minors may count up to six semester hours of ensemble toward graduation; non-music majors may count four semester hours toward graduation.

0200 MUS. Symphonic Wind Ensemble. (0-4-1) F, S. A select ensemble designed for in-depth study of major literature for winds and percussion. Open to all students who qualify through audition. **MUS 908**

0201 MUS. Concert Band. (0-4-1) S. A performance ensemble designed for in-depth study, preparation, and performance of all types of standard band literature. Open to all university students. **MUS 908**

0202 MUS. Panther Marching Band. (0-6-1) F. The Panther Marching Band performs contemporary musical arrangements and

drill designs during the football season for all home games, and takes off-campus tours each season.

0204 MUS. Chamber Music, Winds. (Arr.-Arr.-1) F, S. The study and performance of chamber music involving wind instruments. Prerequisite: Permission of instructor.

0205 MUS. Flute Choir. (0-2-1) F, S. Choir performs transcribed and original works on and off campus throughout the semester. Open to any flutist. Prerequisite: Permission of instructor.

0206 MUS. Clarinet Choir. (Arr.-Arr.-1) The study and performance of ensemble literature for the clarinet family. Open to any student in the university having played any member of the clarinet family as a high school student. Placement is by audition. Rehearsals are limited to two hours weekly.

0207 MUS. Saxophone Quartet. (Arr.-Arr.-1) A performance-oriented course in which the student participates in the study of the saxophone in a chamber ensemble setting. Emphasis will be placed on performing, studying, and analyzing the standard repertoire. Open to all students who demonstrate competence in saxophone performance.

0210 MUS. Orchestra, Strings. (0-4-1) F, S. This course is for string players to have sectional rehearsals as well as full orchestra experience. **MUS 908**

0211 MUS. Orchestra, Winds. (0-4-1) F, S. This section is for winds and percussion players to have sectional rehearsals as well as full orchestra experience. Music majors may count up to six semester hours toward. **MUS 908**

0215 MUS. Chamber Music, Strings. (Arr.-Arr.-1) F, S. The study and performance of chamber music involving string instruments. Prerequisite: permission of instructor.

0220 MUS. Jazz Ensemble. (0-4-1) F, S. This ensemble offers students the opportunity to play the finest in jazz band music. The jazz ensemble rehearses four days each week. Various programs including tours and festivals are performed each year. **MUS 908**

0221 MUS. Ensemble, Jazz Lab Band. (0-2-1) F, S. An ensemble which offers students the opportunity to play the finest in jazz band music. The Jazz Lab Band rehearses two evenings each week. Various programs including tours and festivals are performed each year. **MUS 908**

0222 MUS. Jazz Combo. (Arr.-Arr.-1) Jazz Combos of four to six musicians perform and study the standard repertoire of the jazz idiom and develop improvisational skills. Upperclass students see MUS 3622.

0224 MUS. Jazz Seminar. (Arr.-Arr.-0) F, S. Audit only. Jazz topics will be presented, with live performances by students and professional players with critique and group discussion. Prerequisite: Participation in an EIU jazz ensemble.

0230 MUS. Concert Choir. (0-3-1) F, S. An auditioned, select choir of 45 voices that performs a wide variety of short and medium-length choral compositions by significant composers. **MUS 908**

0231 MUS. University Mixed Chorus. (0-4-1) F, S. An ensemble of mixed voices that studies and performs choral literature of various styles. Open to all university students interested in singing. **MUS 908**

0232 MUS. Show Choir. (0-4-1) F, S. The Collegians is an ensemble of singers and instrumentalists, selected through audition, that performs current, popular, jazz, and Broadway music. The ensemble is both costumed and choreographed. **MUS 908**

0233 MUS. Chamber Singers. (0-2-1) A select choral ensemble that performs madrigals and other choral literature appropriate for a chamber choir. Prerequisite: audition or permission of the instructor.

0240 MUS. Percussion Ensemble. (0-3-1) F, S. The study and performance of percussion literature from 1930 to the present. Open to percussion majors only. Prerequisite: permission of the instructor.

0241 MUS. Marimba Orchestra. (0-2-1) F, S. The study and performance of music written and arranged for a group of marimbas. Prerequisite: permission of the instructor.

0242 MUS. Latin Percussion Ensemble. (0-5-1) F, S. The study of techniques and performance of Latin and Pop music on Latin American instruments. Prerequisite: permission of the instructor.

0260 MUS. Keyboard Chamber Music. (Arr.-Arr.-1) The study and performance of ensemble literature that involves at least one keyboard instrument and performer.

1101 MUS. Class Instruction in Beginning Guitar. (0-2-1) F, S. A course of guitar instruction for those who have had no previous guitar instruction and wish to learn guitar basics such as: Chording, folk and finger strums, solo guitar techniques, and music reading. Students must provide own instrument.

1103 MUS. Recital. (1-0-0) F, S. Audit only. Experiencing music through live performances.

1136 MUS. Class Instruction in Voice. (0-2-1) F, S. Beginning vocal instruction for students who have had little or no previous vocal study. May be repeated once for credit. No audition required.

1301 MUS. Class Instruction in Strings. (0-2-1) F, S. A study of beginning instrumental technique. Two hours clinical experience required.

1302 MUS. Class Instruction in Clarinet, Flute and Saxophone. (0-2-1) F, S. A study of beginning instrumental technique. Two hours clinical experience required.

1303 MUS. Class Instruction in Oboe and Bassoon. (0-2-1) S. A study of beginning instrumental technique. Two hours clinical experience required.

1304 MUS. Class Instruction in Percussion. (0-2-1) S. A study of beginning instrumental technique. Two hours clinical experience required.

1305 MUS. Class Instruction in Trumpet and French Horn. (0-2-1) F, S. A study of beginning instrumental technique. Two hours clinical experience required.

1306 MUS. Class Instruction in Trombone, Baritone and Tuba. (0-2-1) F. A study of beginning instrumental technique. Two hours clinical experience required.

1307 MUS. Class Instruction in Fretted Instruments. (0-2-1) A study of beginning instrumental technique.

1421 MUS. Fundamentals of Music I. (2-1-3) A study of the fundamentals of music including multicultural experiences utilizing music literature appropriate for use in elementary and junior high school classrooms. For elementary and middle level education majors only.

1530 MUS. Jazz Improvisation I. (0-2-1) S. An introduction to the basic skills of the jazz player. The course includes the study of jazz nomenclature, scales and standard jazz repertoire. Numerous jazz artists and their solos are discussed and analyzed. Prerequisite: MUS 1541, 1543 or competence. Open to all students. Required of all students in the Jazz Studies Option.

1541 MUS. Music Theory I. (2-1-3) A study of basic music theory concepts including notation of pitch, rhythm and meter, scales, keys and key signatures, intervals, triads and seventh chords. At least one class period per week will be devoted to functional keyboard skills. **MUS 901**

1542 MUS. Music Theory II. (2-1-3) A study of the musical materials and structural principles of the common practice period including tonality, diatonic harmony, and part writing. At least one class period per week will be devoted to functional keyboard skills. Prerequisite: MUS 1541. **MUS 902**

1543 MUS. Aural Training in Music. (0-2-1) F, S. The study of notational practice and the development of aural perception through sight singing and dictation. **MUS 901**

1544 MUS. Aural Training in Music. (0-2-1) F, S. The study of notational practice and the development of aural perception through sight singing and dictation. Prerequisite: Music 1543. **MUS 902**

1581 MUS. History and Literature of Music I. (3-0-3) S. Music history and literature from the Renaissance through the twentieth century. The study of model scores of each period and application of this knowledge to other works of similar genre. Open only to music majors and minors. Required of music majors. **F1 901; MUS 905**

1591 MUS. History and Literature of Music, Honors. (3-0-3) F, S. Music of Western Cultures in Europe and the U.S.A. will be considered through study of representative stylistic periods. Prerequisite: Admission to the University Honors Program.

2070 MUS. Electronic Music Studio Techniques. (2-Arr.-2) S. Principles and use of music synthesizers, MIDI, sequencers, and recording techniques in the production and shaping of electronic sound.

2103 MUS. Sophomore Recital. (Arr.-Arr.-0) Audit only. Demonstrating musical abilities through live performance. The recital will be either 15 minutes or 25 minutes long, depending upon the Option or Emphasis.

2141 MUS. Vocal Diction I. (1-1-1) F. The study of vocal diction of English and Italian song literature. Prerequisite: Two semesters of Applied Voice or equivalent.

2142 MUS. Vocal Diction II. (1-1-1) S. The study of vocal diction of German and French song literature. Prerequisite: MUS 2141.

2155 MUS. Choral Conducting. (1-1-1) F. A course designed to teach the language and gestures of effective directing. Class serves as a laboratory chorus. Prerequisite: MUS 1541, 1542; or two hours of MUS 1136.

2203 MUS. Functional Skills in Piano. (0-2-1) F, S. A course for music majors and minors. Prerequisite: MUS 1541, 1542, or placement by audition during enrollment. **MUS 903**

2204 MUS. Functional Skills in Piano. (0-2-1) F, S. A course for music majors and minors. Prerequisite: MUS 2203 or placement by audition during enrollment. **MUS 904**

2205 MUS. Keyboard Skills I. (0-2-1) F. A course for keyboard majors or other qualified students to develop functional skills in harmonization, sight-reading, improvisation, and transposition. Prerequisite: MUS 1542 or permission of the instructor.

2206 MUS. Keyboard Skills II. (0-2-1) S. Continuation of MUS 2205. Prerequisite: MUS 2205 or permission of the instructor.

2221 MUS. Keyboard Pedagogy I. (3-1-3) F. An introduction to teaching private and group piano/keyboard lessons. Aspects of studio teaching and materials from preschool and first-year levels are surveyed. Observation of a beginning group is a required part of the course. Prerequisites: Appropriate keyboard background.

2222 MUS. Keyboard Pedagogy II. (2-1-2) S. A continuation of Keyboard Pedagogy I, with emphasis on second- and third-year teaching methods and materials for private and group instruction. Continued observation and guided teaching of a beginners' group and/or private lesson will be a required part of the course. Prerequisite: MUS 2221 or permission of instructor.

2360 MUS. Instrumental Conducting. (1-1-1) F. An introductory study of baton technique and score reading for instrumental organizations. Prerequisite: MUS 1543.

2440 MUS. Introduction to Music Education. (2-1-1) An introduction to the expectation of the modern-day public school music teacher, including the role of the teacher, curricular and legal expectations of teaching, historical and philosophical underpinnings of public school music teaching. Twenty clock hours of observation in all kinds of music learning situations at all grade levels are required. For music education majors and minors.

2530 MUS. Jazz Improvisation II. (0-2-1) F. The detailed study and performance of two types of jazz vehicles: standard and bebop tunes. Emphasis is placed on daily improvisation in class and solo transcription. Significant literature is discussed and analyzed. Prerequisite: MUS 1530 or competence. Required of all students in the jazz studies option.

2541 MUS. Music Theory III. (3-0-3) F. A study of the musical materials and structural principles of the common practice period including tonicization, modulation, and chromatic harmony. Prerequisite: MUS 1542. **MUS 903**

2542 MUS. Music Theory IV. (3-0-3) S. A study of the musical materials and structural principles of 20th century music including extended- and non-tertian harmony, neotonicity, serial and non-serial atonality. Prerequisite: MUS 2541. **MUS 904**

2543 MUS. Aural Training in Music. (0-2-1) F, S. A continuation of the study of notational practice and the development of aural perception. Prerequisite: MUS 1544. **MUS 903**

2544 MUS. Aural Training in Music. (0-2-1) A continuation of the study of notational practice and the development of aural perception through sight singing, dictation and rhythmic performance. Prerequisite: MUS 2543.

2555G MUS. Interacting with Music. (3-0-3) F, S. Understanding music for the general student -- listening, responding, and creating music in its cultural context. Prerequisite: Open to Music majors for elective credit only. **F1 900**

2557G MUS. The Evolution of Jazz & Rock. (3-0-3) F, S. Music appreciation for the general student -- listening and responding to music in its cultural context. Significant contributors to the development of Jazz and Rock are presented and landmark recordings are heard and discussed. Open to Music majors for elective credit only.

2581 MUS. Jazz History. (2-0-2) On demand. A survey of the developmental periods of American jazz and the personalities significant to each period. Music from each period is listened to and analyzed. Prerequisites: MUS 1530, 1541, 1542, 1543, 1544 or permission of instructor. Open to music majors and minors only. Required for jazz studies option majors.

3103 MUS. Junior Recital. (Arr.-Arr.-0) Audit only. Demonstrating musical abilities through live performance or a composition project. The recital will be either 15 minutes or 25 minutes long, depending upon the Option or Emphasis.

3120 MUS. Music Theatre/Opera Workshop. (0-4-1 or 2) F, S. The study and performance of music theatre and opera. Students produce major productions with orchestra, smaller productions with piano, touring productions and in-class scene productions to develop music theatre and opera skills. May be taken four times for credit. Prerequisite: Permission of the instructor.

3155 MUS. Choral Techniques and Materials. (2-0-2) S. A course designed to develop a knowledge of style, rehearsal techniques and materials for various vocal ensemble combinations. Class serves as a laboratory chorus. Prerequisite: MUS 2155.

3221 MUS. Keyboard Pedagogy III. (2-1-2) F. Intermediate teaching materials for private and group teaching; the transfer student. Observation and teaching in the Preparatory Program and/or private studio are required. Prerequisite: MUS 2222 or permission of instructor.

3222 MUS. Keyboard Pedagogy IV. (2-1-2) S. The study of specific areas of piano/keyboard pedagogy: adult beginners and intermediates; the advancing student; the history of keyboard instruments from harpsichord to electronic equipment; a historical overview of keyboard pedagogy; career planning. Weekly observation of advancing level and/or adult lessons will be included. Prerequisite: MUS 2222 or permission of the instructor.

3260 MUS. Instrumental Conducting. (2-0-2) S. An advanced study of baton technique and score reading for instrumental organizations. Prerequisite: MUS 2360.

Applied Study. Auditions are required for initial placement. May be repeated for credit. Music majors may register for one, two, or four semester hours of credit depending on the degree program. Non-music majors may register for one semester hour of credit after receiving permission of the studio instructor. Prerequisite: Completion of Junior Standing Jury.

Prerequisite: Permission of instructor:

- 3310. Voice. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3320. Flute. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3321. Oboe. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3322. Clarinet. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3323. Bassoon. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3324. Saxophone. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3330. Trumpet. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3331. Horn. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3332. Trombone. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3333. Baritone. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3334. Tuba. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3340. Percussion. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3350. Violin. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3351. Viola. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3352. Violoncello. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3353. String Bass. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3360. Piano. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3361. Organ. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3362. Harpsichord. (Arr.-Arr.-1, 2 or 4) **MUS 909**
- 3363. Jazz Studies. (Arr.-Arr.-1, 2 pr 4)
- 3370. Composition. (Arr.-Arr.-1, 2 or 4)
- 3371. Organ Service Playing. (Arr.-Arr.-1, 2 or 4)

3400 MUS. Methods of Teaching Instrumental Music. (2-2-3) F. Instrumental methods and materials and clinical experiences appropriate for elementary and secondary schools. Fifteen hours of public school observation and participation are required. Prerequisites: MUS 2440, 2360 (EDP 3325 and SED 3330, or permission of instructor; for ASEP students, SED 3000 and 3100, or permission of instructor). For music education majors and minors only.

3420 MUS. Music in Elementary Schools. (2-1-2) Contemporary methods and materials of teaching music as aesthetic education in preschool and in the elementary grades. Prerequisite: MUS 1421 or successful completion of 1421 proficiency exam prior to registration, or MUS 2555G. Open to elementary and special education majors only.

3439 MUS. Methods of Teaching Music in Elementary Schools. (2-2-3) F. Planning and implementing musical experiences in the elementary grades. Topics include Orff, Kodaly, and Music in Special Education considered in the light of contemporary child development theory. Twenty hours on-site observation of teaching in the public schools. Prerequisite: MUS 2440. (EDP 3325 and SED 3330, or permission of instructor; for ASEP students, SED 3000 and 3100, or permission of instructor). For music education majors and minors.

3440 MUS. Methods of Teaching Vocal-General Music in the Secondary Schools. (1-2-2) S. Methods and materials for teaching vocal, choral and general music in grades 7 through 12. Includes 20 hours of clinical experiences on the secondary level. Prerequisite: MUS 2155, 2440, (EDP 3325 and SED 3330, or permission of instructor; for ASEP students, SED 3000 and 3100, or permission of instructor). For music education majors and minors.

3530 MUS. Jazz Improvisation III. (0-2-1) F. The detailed study and performance of three types of jazz vehicles: the blues, modal tunes, and ballads. Students will become familiar with the characteristics and performance requirements of each vehicle. Emphasis will be placed on daily improvisation in class and solo transcription. Prerequisite: MUS 2530 or competence. Required of all students in the jazz studies option.

3542 MUS. Music Analysis. (3-0-3) F, S. The detailed study of a few musical compositions from either the 18th, 19th, or 20th centuries; the specific century to be announced in advance. May be repeated for a maximum of six semester hours credit. Required in all Music Education curricula. May be taken as one of the theory electives (twice, if desired). Prerequisite: MUS 2542 or permission of the instructor.

3547 MUS. Orchestration. (2-0-2) F. Beginning practical experience in scoring for orchestra. Prerequisite: MUS 2541.

3550G MUS. Survey of American Music. (3-0-3) F, S. Introduction to American music, including a discussion of Native American music and a survey of both the Cultivated and Vernacular traditions in American music from the Colonial Period until the present.

3553G MUS. Survey of Musical Masterworks. (3-0-3) F, S. Important pieces of Western Classical Music will be examined. Compositions will be selected from at least four different stylistic periods. Exclusions: The course will not be open to music majors.

3562G MUS. Non-Western Music. (3-0-3) F, S. The music of a variety of world cultures, such as Asian, African, and South American, will be examined in their appropriate contexts.

3581 MUS. History and Literature of Music II. (3-0-3) F. Music history and literature from Antiquity through the Baroque. Open only to music majors and minors. Prerequisites: MUS 1581 and 2541. **MUS 905**

3582 MUS. History and Literature of Music III. (3-0-3) F. Music history and literature from the Classic era to the present. Open only to music majors and minors. Prerequisites: MUS 1581 and 2541.

3591 MUS. Music Analysis, Honors. (3-0-3) On demand. The detailed study of a few musical compositions from either the 18th, 19th, or 20th centuries; the specific century to be announced in advance. Prerequisites: MUS 2541 and permission of instructor or MUS 2452, admission to the Honors Program.

3592G MUS. Non-Western Music, Honors. (3-0-3) F, S. The music of a variety of world cultures, such as Asian, African, and South American, will be examined in their appropriate contexts. Prerequisite: Admission to the Honors Program.

3593G MUS. Survey of Musical Masterworks, Honors. (3-0-3) F, S. Important compositions of Western Classical Music will be examined. Compositions will be selected from at least four different stylistic periods. This course will not be open to music majors. Prerequisite: Admission to the University Honors Program.

3622 MUS. Advanced Jazz Combo. (Arr.-Arr.-1) A performance-oriented course in which the student performs in small jazz ensembles to develop necessary playing and improvisational skills. Emphasis will be placed on performing, studying and analyzing standard jazz repertoire. Prerequisite: Two semesters of jazz improvisation. Open to all students in the Jazz Studies Option and students who demonstrate competence in jazz performance.

3800 MUS. Jazz Theory I. (1-1-1) F. A study of basic jazz skills as they relate to an understanding of modern harmonic/melodic concepts of theory at the keyboard. Open to all students. Prerequisites: Two semesters of class piano and two semesters of music theory including 1541 and 1542, or permission of instructor. Required of all students in the Jazz Studies Option.

3801 MUS. Jazz Theory II. (1-1-1) S. A continuation of MUS 3800 dealing with more elaborate concepts of jazz harmony applied to the keyboard. Students will gain skills adequate to perform in a rhythm section. Prerequisite: MUS 3800 or competence. Open to all students. Required of all students in the Jazz Studies Option.

3850 MUS. Jazz Improvisation. (2-0-2) F. An introduction to the basic improvisational skills of the jazz player, including the practice and study of standard jazz tunes, the blues, modal jazz, scales and analysis of solos by jazz artists. Course may be taken twice for credit. Prerequisite: MUS 1542 and 1544 or permission of the instructor.

3970 MUS. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4103 MUS. Senior Recital. (Arr.-Arr.-0) Audit only. Demonstrating musical abilities through live performance or a composition project. The recital will be either 25 minutes or 50 minutes long, depending upon the Option or Emphasis.

4221 MUS. Pedagogy Recital Project. (Arr.-Arr.-2) The senior keyboard pedagogy primary student will prepare a 25-minute lecture-recital presentation on a topic related to keyboard pedagogy. Prerequisites: Satisfactory completion of MUS 3222 and senior standing in applied study.

4530 MUS. Jazz Improvisation IV. (0-2-1) F. The detailed study and performance of contemporary jazz styles. The music studied will reflect the recent influence of rock and other contemporary music on jazz repertoire. Prerequisite: MUS 1530, 2530, 3530 or competence. Required of all students in the Jazz Studies Option.

4541 MUS. Sixteenth Century Counterpoint. (2-0-2) S-even-numbered years. A basic study of techniques in polyphonic literature. Includes the styles of Palestrina and the English madrigalists. Prerequisite: MUS 2541.

4542 MUS. Eighteenth Century Counterpoint. (2-0-2) S-odd-numbered years. A basic study of contrapuntal harmonic practices, including inventions, canon, fugue, and forms based upon the chorale. Prerequisite: MUS 2541.

4600 MUS. Independent Study. (Arr.-Arr.-1 to 3) Independent pursuit of a study or research project. Outline for student's plan of work must be submitted to chairperson, Department of Music, for approval and instructor assignment. The course may be repeated to a maximum of six semester hours.

Courses Open to Juniors, Seniors, and Graduate Students

4750 MUS. Choral Arranging. (2-0-2) S. A practical approach to developing skill in scoring and arranging for various vocal ensemble combinations. Prerequisites: MUS 1541, 1542, and 2541.

4770 MUS. Vocal Literature. (2-0-2) On demand. The study of a selected topic in vocal literature from German Lied, French chanson, American and British art song or opera. May be taken twice for credit.

4840 MUS. Band Arranging. (2-0-2) S. A course in scoring and arranging materials for instrumental ensembles. Prerequisite: MUS 2541.

4850 MUS. Jazz Band Arranging. (2-0-2) S. A course dealing with the basic problems and techniques involved in arranging for a jazz band. Prerequisite: MUS 2543 or equivalent.

4860 MUS. Marching Band and Jazz Band Techniques. (2-0-2) S. A study of teaching strategies, literature, and organizational/administrative paradigms for the high school marching band and jazz band. Prerequisite: Music 3400 or permission of the instructor.

4870 MUS. Style Period Proseminar. (3-0-3) Stylistic study of the music of a period pre-selected from the following: 1) Middle Ages; 2) Renaissance; 3) Baroque; 4) Rococo-Classical; 5) Romantic; and 6) Twentieth Century. May be repeated for a maximum of 18 semester hours of undergraduate credit or nine semester hours of graduate credit. Prerequisite or corequisite: MUS 3581 or 3582.

4920 MUS. Keyboard Literature. (3-0-3) S. A study of selected literature. May be taken twice for credit.

4950 MUS. Accompanying. (Arr.-Arr.-1) S-even-numbered years. Vocal and instrumental accompanying techniques combined with practical application. May be substituted by keyboard principals and primaries for one hour of large ensemble. Prerequisite: Junior level or permission of the instructor.

4980 MUS. Workshop in Music. (Arr.-Arr.-1 to 3) On demand. Literature, theory, techniques, pedagogy, and/or style in various media. Provided a student does not repeat courses with same content, he/she may earn a maximum of eight semester hours credit. Graduate students may enroll for a maximum of four semester hours.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

PHILOSOPHY

Undergraduate Courses

1000G PHI. Introduction to Philosophy. (3-0-3) F, S. An introduction to philosophy through ancient, medieval, modern, and contemporary sources. The course includes main areas such as ethics, metaphysics, epistemology, aesthetics, and philosophy of religion. H4 900

1090G PHI. Introduction to Philosophy, Honors. (3-0-3) F, S. An introduction to philosophy through ancient, medieval, modern, and contemporary sources. The course includes main areas such as ethics, metaphysics, epistemology, aesthetics, and philosophy of religion. Prerequisite: Admission to the University Honors Program. H4 900

1900G PHI. Logical and Critical Reasoning. (3-0-3) F, S. A study of the structure and evaluation of arguments, focusing upon: analysis and informal evaluation of everyday arguments; problem-solving strategies; formal tests of validity; conversational contexts of argumentation, and the interaction of contextual principles with principles of validity. 906

1990G PHI. Logical and Critical Reasoning, Honors. (3-0-3) F, S. A study of the structure and evaluation of arguments, focusing upon analysis and informal evaluation of everyday arguments; problem-solving strategies; formal tests of validity; conversational contexts of argumentation, and the interaction of contextual principles with principles of validity. Prerequisite: Admission to the Honors Program.

2000 PHI. Ancient Philosophy. (3-0-3) F. An introductory historical approach to the ideas of Socrates, Plato, Aristotle and selected early Greek philosophers. H4 901

2010 PHI. Eastern Philosophies. (3-0-3) S-even-numbered years. An introduction to the traditional philosophical-religious ideas of the life and culture of China, India, and Japan. H4 903N

2090 PHI. Ancient Philosophy, Honors. (3-0-3) S-even-numbered years. An introductory historical approach to the ideas of Socrates, Plato, Aristotle and selected early Greek philosophers. Prerequisite: Admission to the University Honors Program. H4 901

2500G PHI. The Good Life: Theory and Practice. (3-0-3) F, S. A philosophical study of "the good life": What constitutes a good life? How ought one to live? Examination and critical analysis of a variety of ethical theories from classical through the present and their practical application to contemporary issues. H4 900

2590G PHI. The Good Life: Theory and Practice, Honors. F, S. A philosophical study of "the good life": What constitutes a good life? How ought one to live? Examination and critical analysis of a variety of ethical theories from classical through the present and their practical application to contemporary issues. Prerequisite: Admission to the Honors Program.

3020 PHI. Ethics. (3-0-3) S. Analysis and evaluation of principal theories problems concerning Right, Good and validity of moral standards and moral conduct.

3030 PHI. Science and Human Values. (3-0-3) F-odd-numbered years. An introductory examination of the character of scientific inquiry and its impact on religion, moral and political values. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3040 PHI. Philosophy of Art. (3-0-3) F-even-numbered years. A critical examination of aesthetic experience and fine art: artistic creativity, the work of art, and criteria of judgment.

3050G PHI. Social and Political Philosophy. (3-0-3) S. A study of some theoretical approaches to understanding social, economic, and political relations. The focus will be on political liberty and its critics from Marxist, feminist, and other perspectives. Prerequisites: ENG 1001G and ENG 1002G.

3060 PHI. Philosophical Ideas in Literature. (3-0-3) F-odd-numbered years. Analysis and interpretation of philosophical issues in a literary context. These include the meaning of life, moral dilemmas, the artistic value of literature, and literature as a form of philosophical expression.

3070 PHI. Philosophy of Law. (3-0-3) On demand. An assessment of philosophical aspects of the law such as how human laws relate to God's laws or moral laws; when civil disobedience is justified; whether rights can be limited; nature of responsibility and punishment; and selected current topics.

3100G PHI/ENG. Cultural Foundations I. (3-0-3) F, S. An in-depth look at three cultural foundations, two Western and one African. The course examines societies and values by exploring primary texts in literature, philosophy, and religion. Prerequisites: ENG 1001G and ENG 1002G.

3110G PHI/ENG. Cultural Foundations II. (3-0-3) S. An in-depth look at three significant Eastern cultural foundations. The course examines societies and values by exploring primary texts in literature, philosophy and religion. Prerequisite: ENG 1001G and ENG 1002G.

3220 PHI. Medieval Philosophy. (3-0-3) S-odd-numbered years. An examination of the principal philosophers from Epicurus through St. Thomas Aquinas. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3260 PHI. Modern Philosophy. (3-0-3) F. Philosophical thought during the scientific revolution and the Enlightenment, including the influence of the new sciences and of reason on religious, moral, and metaphysical beliefs. Readings include Descartes, Hume, and Kant. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3280 PHI. Nineteenth Century Philosophy. (3-0-3) F-even-numbered years. Focuses on the post-Enlightenment critique of objective truth given historical, economic, and cultural situatedness. Readings include Hegel, Marx, and Nietzsche. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3290 PHI. Modern Philosophy, Honors. (3-0-3) F-even-numbered years. Philosophic thought from Galileo to Kant; the foundations of modern science and implications for religious, moral and political theory. Prerequisite: Admission to the University Honors Program.

3320 PHI. Chinese Philosophy. (3-0-3) S-even-numbered years. A comprehensive study of the philosophical and religious traditions of Chinese culture. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3600 PHI. Philosophy of Religion. (3-0-3) F-odd-numbered-years. A philosophical interpretation of religion, religious experience, and fundamental problems: God, evil, immortality, religious knowledge. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3680 PHI. Buddhism. (3-0-3) S-odd-numbered years. An in-depth study of the philosophical, religious and historical aspects of Buddhism. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3700G PHI. Language and Human Nature. (3-0-3) F, S. A formal study of human language structure as an object of scientific inquiry and its relation to questions of human nature. Prerequisites: ENG 1001G and ENG 1002G, or permission of the instructor.

3720 PHI. Analytic Philosophy. (3-0-3) F-odd-numbered-years. An examination of the analytic movement in philosophy, with emphasis upon the development of linguistic analysis from out of classical metaphysical and epistemological problems. Prerequisite: Three semester hours in Philosophy or permission of the instructor.

3740 PHI. Philosophy of Mind. (3-0-3) F-even-numbered years. A study of the major issues surrounding the concepts of mind and consciousness, and the nature of the intellectual faculties, as dealt with both historically and in contemporary theories of cognition. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3780 PHI. Philosophy of Science. (3-0-3) S-even-numbered years. A study of the major philosophical views concerning the nature and practice of science, and including such topics as theory, experimentation, and the relation of these to reality and human life. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3800 PHI. Phenomenology and Existentialism. (3-0-3) F-even-numbered years. An examination of the leading exponents of the phenomenological movement in 20th century philosophy, including existentialism. The course will cover such figures as Husserl, Heidegger, Sartre, Jaspers and Merleau-Ponty. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3820 PHI. Contemporary European Philosophy. (3-0-3) S-odd-numbered years. A survey of contemporary movements in European philosophy, including hermeneutics, deconstruction, critical theory, post-structuralism, and post-modernism. Covers the later Heidegger, Derrida, Foucault, Habermas, Ricoeur, Gadamer, Lyotard and Rorty. Prerequisite: Three semester hours in Philosophy or permission of the instructor.

3900 PHI. Symbolic Logic. (3-0-3) S. An introduction to methods for analyzing and evaluating deductive arguments, using an artificial language to focus attention on the formal structure of propositions and arguments. Prerequisite: PHI 1900G or permission of the instructor.

3903 PHI. Feminism and Philosophy. (3-0-3) F-even-numbered years. A study of how feminist scholars use the tools of mainstream philosophy to understand and oppose sexism and oppression and of the ways they challenge and reconstruct traditional models of thinking in philosophy. Prerequisite: ENG 1002G.

3970 PHI. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

3980 PHI. Special Topics in Philosophy. (3-0-3) On demand. An in-depth treatment of a single topic or figure in philosophy, reflecting the special interests of students and the instructor. May be repeated once for credit. Prerequisite: Permission of the instructor.

4400 PHI. Independent Study. (Arr.-Arr.1-6) Intensive individual study of a topic in philosophy selected by the student under supervision of the instructor. Prerequisites: Approval of the department chairperson. May be taken more than once for credit with the permission of the department chairperson. Credit for up to six semester hours may be applied to the Philosophy major or minor with permission of the department chairperson.

4444 PHI. Honors Independent Study. (3-0-3) Consideration of special topics in Philosophy. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4480 PHI. Seminar. (3-0-3) S. Advanced study of selected problems, topics, or philosophers. Prerequisite: Nine semester hours in philosophy and permission of the instructor. May be taken twice for credit with permission of the department chairperson.

4555 PHI. Honors Research. (3-0-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644 PHI. Honors Thesis. (3-0-3) Intensive research in preparation of a thesis on a topic in Philosophy approved by faculty supervisor and the Departmental Honors Coordinator. May be taken twice for credit. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 PHI. Honors Seminar. (3-0-3) Areas of investigation which require integration of Philosophy and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

PHYSICAL EDUCATION

Activity courses numbered 0020 to 1010 may be taken up to eight times; those numbered 1400 to 1940 may be taken up to four times. Non-physical education majors may count four semester hours in physical education activity courses toward graduation; physical education majors and minors and recreation administration majors may count up to six semester hours of credit in physical education activity courses. Hours beyond the four- and six-hour restrictions will not count toward graduation but will be computed in the cumulative GPA. Physical education and recreation administration majors may not elect the Credit/No Credit option for one-semester-hour activity courses.

Activity Courses

- +0020. Baseball (Intercollegiate Team Participation). (0-10-1) S.
- *0030. Basketball (Intercollegiate Team Participation). (0-10-1) F, S.
- +0050. Soccer (Intercollegiate Team Participation). (0-10-1) F.
- +0060. Volleyball (Intercollegiate Team Participation). (0-10-1) F.
- +0090. Football (Intercollegiate Team Participation). (0-10-1) F.
- +0100. Softball (Intercollegiate Team Participation). (0-10-1) S.

- *0120. Golf (Intercollegiate Team Participation). (0-10-1) F, S.
 *0140. Tennis (Intercollegiate Team Participation). (0-10-1) F, S.
 *0150. Wrestling (Intercollegiate Team Participation). (0-10-1) F, S.
 *0160. Cross Country and Track (Intercollegiate Team Participation). (0-10-1) F, S.
 *0180. Swimming (Intercollegiate Team Participation). (0-10-1) F, S.
 +1000. Physical Development. (0-2-1) F, S.

*May repeat, with credit, for a maximum of eight times.
 +May repeat, with credit, for a maximum of four times.

1310 PED. Aqua Exercise. (0-2-1) F, S. An aqua exercise program for swimmers and non-swimmers designed to enhance fitness development. Will not count for Physical Education aquatics requirements, or in 1 hour service course requirements for Physical Education majors with teacher certification options.

1400 PED. Swimming (Beginning). (0-2-1) For beginning swimmers only. Persons able to swim 45 feet should enroll in PED 1410. May be taken four times to meet the minimum 120 semester hours toward graduation.

1410 PED. Swimming (Intermediate). (0-2-1) F, S. For intermediate swimmers. Persons able to swim 45 feet should enroll in this class. May be taken four times to meet the minimum 120 semester hours toward graduation.

1440 PED. Lifeguarding. (0-4-2) F, S. Upon satisfactory completion of the course, students will be certified by the American Red Cross as Lifeguards. Prerequisite: Pass a preliminary swim test. Exit requirements to be completed by the end of the course: ARC Standard First Aid (HST 3120), and CPR, or equivalent certifications. May be taken four times to meet the minimum 120 semester hours toward graduation.

1470 PED. Lifeguard Instructor Training. (0-2-1) S. An introduction to the techniques of teaching the American Red Cross course, Lifeguard Training, and basic rescue skills. Students receive ARC certification upon completion of course requirements. Prerequisites: 17 years old and PED 1440 or proof of having taken ARC Lifeguard Training. May be taken four times to meet the minimum 120 semester hours toward graduation.

1600 PED. Weight Training. (0-2-1) This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1640 PED. Rifle and Pistol. (0-2-1) F, S. Students will fire caliber .22 rifles in prone, kneeling and standing positions. Students will also shoot caliber .22 pistols slow, timed, and rapid fire in the standing position. Fee. May be taken four times to meet the minimum 120 semester hours toward graduation.

1660 PED. Bowling. (0-2-1) Fee. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1670 PED. Golf. (0-2-1) This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1691 PED. Jogging. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1692 PED. Aerobic Exercise. (0-2-1) F, S. Designed to introduce students to the fundamentals of aerobic exercise which is accompanied by music and which promotes an understanding of personal physical fitness. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1720 PED. Basketball. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1740 PED. Soccer. (0-2-1) F. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1750 PED. Softball. (0-2-1) F. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1770 PED. Volleyball. (0-2-1) F. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1810 PED. Badminton. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1830 PED. Racquetball. (0-2-1) This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1850 PED. Self Defense. (0-2-1) F, S. The course is designed to introduce students to the art of self defense.

1870 PED. Tennis. (0-2-1) This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1920 PED. Ballroom Dance. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1930 PED. Square Dance. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1940 PED. Jazz Dance. (0-2-1) F, S. Fundamentals of jazz dance techniques. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

Undergraduate Professional Courses

1130 PED. Introduction to Athletic Training. (0-4-2) F. Laboratory experiences designed to introduce basic athletic training skills and procedures. Fee.

1500 PED. Physical Education as a Profession. (2-0-2) F, S. An introductory professional course which includes the general scope, purpose, history, growth and development, and career assessment of physical education.

2000 PED. Technique and Practice of Teaching Physical Education Activities. (0-2-1) F, S. An introduction to the techniques of teaching physical education through observation and participation. A minimum of 21 clock hours will be spent in a pre-clinical teaching experience.

2101 PED. Technique and Theory of Badminton and Tennis. (0-4-2) F. The development of basic skills and techniques of badminton and tennis.

2102 PED. Technique and Theory of Golf and Bowling. (0-4-2) F. The development of basic skills and techniques of golf and bowling.

2103 PED. Technique and Theory of Track and Field and Weight Training. (0-4-2) S. The development of basic skills of track, field, and weight training.

2104 PED. Technique and Theory of Aerobic Exercise and Strength Training. (0-4-2) F, S. An introduction to the techniques, theory, safety and knowledge of performing and teaching aerobic

exercise and strength training. Certifications and professional associations will be discussed.

2105 PED. Techniques and Analysis of Stunts, Tumbling and Gymnastics. (0-4-2) F, S. Participation in various phases of gymnastics and emphasis on analyses and uses of activities in teaching and recreation.

2106 PED. Technique and Theory of Team Activities. (0-4-2) F, S. Introduction to dual, combative, and large group activities of low organization of recreational nature considered as enrichment activities for junior and senior high school physical education.

2130 PED. Athletic Training Practicum. (0-5-1) F, S. Practical experience in athletic training procedures. May be taken for a maximum of six semester hours. Prerequisite: PED 1130.

2131 PED. Therapeutic Modalities. (0-4-2) F-odd-numbered years. A study of the physical principles, physiological effects, indications, contraindications, and standard operating procedures of all therapeutic modalities commonly used in sport medicine.

2132 PED. Therapeutic Exercise. (0-4-2) F-even-numbered years. A study of indications, contraindications, physiological effects, special programs, resistance methods, and prescription relating therapeutic and injury preventive exercise.

2144 PED. Technique and Theory of Scuba Diving. (1-2-2) F, S. The course is designed to develop skills in skin and scuba diving through the use of drills and practical application of diving techniques. A portion of the course deals with lecture material directly related to the safety aspects of diving. Fee.

2145 PED. Technique and Theory of Teaching Swimming (WSI). (0-4-2) F, S. An introduction to the techniques of teaching swimming, including practice in all American Red Cross programs. Students will receive Red Cross WSI certification to teach upon completion of course requirements. Prerequisites: Must pass a preliminary swim test; PED 1440 suggested.

2220 PED. Technique and Theory of Folk, Square, and Ballroom Dance I. (0-4-2) F, S. Basic techniques and skills in folk, square and ballroom dance.

2230 PED. Technique and Theory of Modern Dance I. (0-4-2) F, S. An introduction to an American dance art form. The techniques and the philosophy on which they are based are explored in a studio setting.

2260 PED. Technique and Theory of Ballet. (0-4-2) F. A course with emphasis on beginning classical ballet techniques.

2360 PED. Techniques and Theory of Softball and Volleyball. (0-4-2) S. The development of basic game skills, strategies and technique in softball and volleyball.

2380 PED. Technique and Theory of Flag Football and Basketball. (0-4-2) S. The development of basic game skills, strategies and techniques in basketball and flag football.

2390 PED. Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. (0-4-2) F. Instruction in the techniques, theory, and game procedures in soccer, speedball, and modified team sports.

2440 PED. Kinesiology. (4-0-4) The study of basic human anatomy, muscle actions, and laws of physics as used in the performance of sport skills.

2450 PED. Physical Education for Exceptional Individuals. (3-0-3) F, S. An introduction to various conditions and activity programs, suitable to the needs of exceptional individuals.

2700G PED. Dimensions of Physical Performance. (2-2-3) A study of how physical lifestyle choices regarding physical labor,

activity, and structured exercise impact the individual and society and the implementation of behavior change strategies used for adherence to a positive lifestyle.

2850 PED. Fitness for Life. (2-2-3) An individualized approach for the assessment, analysis and understanding of a lifetime of wellness through fitness. The course includes a thorough physical fitness/risk factor assessment in the Human Performance Laboratory.

2890 PED. Fitness for Life, Honors. (2-2-3) On demand. An individualized approach for the assessment, analysis, and understanding of a lifetime of wellness through fitness. The course includes a thorough physical fitness/risk factor assessment in the Human Performance Laboratory. Prerequisite: Admission to the University Honors Program.

2900G PED. International Expression for Dance. (3-0-3) A study of major international dance forms, with emphasis on awareness, appreciation, and understanding of their contributions to the arts. F1 906

2960 PED. Aesthetics of the Dance. (3-0-3) S. A study of dance as a created, performed, perceived art with discussion of aesthetic principles and stylistic approaches as they relate to dance as an art experience.

3130 PED. Basic Care and Prevention of Athletic Injuries. (3-0-3) Primary causes of injuries; analysis of preventive measures; care of injuries in relation to type of tissue involved. Fee.

3131 PED. Injury Recognition. (0-4-2) S-even-numbered years. A study of the relationship of various anatomical structures, stress tests, and functional tests to different aspects of sports medicine trauma. Prerequisite: BIO 2200 or permission of the instructor.

3132 PED. Seminar in Sports Medicine. (2-0-2) S-odd numbered years. Seminar approach to relate athletic training skills to the entire sports medicine field. Prerequisite: PED 1130.

3400 PED. Methods of Teaching Physical Education. (3-0-3) Techniques and methods of teaching students in the area of physical education. Thirty clock hours minimum of pre-clinical experience required. Prerequisites: EDP 3331 and SED 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3460 PED. Soccer Coaching. (2-1-2) S. A course which includes offensive and defensive styles of play, fundamental skills, individual and team play, and rules and strategy of soccer. Prerequisite: Previous background or permission of the instructor.

3470 PED. Basketball Coaching. (2-2-3) F. Offensive and defensive styles of play; fundamentals, individual and team play; rules and strategy; conduct of tournament play. Prerequisite: Previous background or permission of instructor.

3480 PED. Football Coaching. (2-2-3) S. Fundamentals of football including blocking, tackling, passing, kicking, offensive and defensive line and backfield play; conditioning; rules and strategy. Prerequisite: Previous background or permission of instructor.

3490 PED. Track and Field Coaching. (2-2-3) S. Fundamentals of track and field events. Organization of track meets. Study of rules and strategy. Prerequisite: Previous background or permission of instructor.

3500 PED. Baseball Coaching. (2-1-2) F. This course is designed to provide the student with the knowledge and skills to coach baseball. Emphasis is placed upon coaching methods and techniques, formulation of practice plans, offensive and defensive team strategy, and in-depth study of baseball rules. Prerequisite: Permission of the instructor.

3600 PED. Introduction to Elementary School Physical Education. (0-4-2) Physical education as it relates to the total

education of the elementary school child with emphasis on the developmental approach.

3610 PED. Game Activities for Elementary Schools. (3-0-3) F. Body mechanics and games; emphasis is on the analysis of and practice in such basic skills as throwing, catching, dodging, striking an object. Prerequisite: PED 3600.

3620 PED. Rhythmical Activities for Elementary Schools. (3-0-3) F. Dance and creative rhythms; emphasis is on basic locomotor and axial skills in movement as well as the specific skills in folk and square dance. Prerequisite: PED 3600.

3630 PED. Tumbling and Apparatus Activities for Elementary Schools. (3-0-3) S. A study of tumbling and apparatus in the elementary school curriculum. Spotting techniques in mat and apparatus work are stressed. Prerequisite: PED 3600.

3700 PED. Psychological Foundations of Coaching. (2-0-2) F. The course is designed to provide the prospective athletic coach with an understanding of the principles of psychology as they apply to coaching. Prerequisite: PSY 1879G.

3770 PED. Volleyball Coaching. (2-1-2) F. Fundamentals of advanced skills and strategies of volleyball with emphasis on teaching and coaching techniques to be used at various levels of game play. Prerequisite: Previous experience or permission of instructor.

3800 PED. Biomechanics of Human Movement. (2-0-2) F, S. The study of the nature and function of human movement in physical activity. Also discussed will be the linear and angular kinematic variables during human movement.

3900 PED. Microcomputers in Physical Education. (3-0-3) F. This course is designed to orient students to the various kinds of software and hardware being used in the physical education and fitness-related occupations. History, hardware and software selection specific to physical education, software evaluation, fitness data management, and word processing will be included in the course content. Prerequisite: No minimum programming level requirements; this is not a programming course. Credit will not be given for both HST 3199 and PED 3900.

4275 PED. Field Experience. (Arr.-Arr.-3 or 6) (Credit/No Credit) An individually planned work experience in a business, agency, or program appropriate to the student's area of specialization. Prerequisites: Physical Education major, permission of B.S. Advisor and Chairperson.

4320 PED. Organization, Administration and Curriculum of Physical Education. (3-0-3) This course is designed to orient students to curriculum and organizational, supervisory and administrative theories and procedures necessary to implement a sound physical education program in both the educational and business settings.

4340 PED. Principles of Exercise Physiology. (3-0-3) The course is designed to provide the prospective physical educator and paramedical personnel with an understanding of the physiological factors which affect human performance. Prerequisite: BIO 2001G.

4440 PED. Physical Fitness Appraisal and Performance Assessment. (2-2-3) F. A study of the basic scientific components of fitness and the measurement of different indices of physical fitness common to corporate, clinical, and laboratory settings. Prerequisites: PED 4340, BIO 2001G.

4450 PED. Designing Exercise and Sports Training Programs. (3-0-3) S. The application of exercise science principles to the design and implementation of exercise and sports training programs for the coach, teacher and sport practitioner. Prerequisites: PED 4340, 4440, and BIO 2001G.

4470 PED. Measurement and Evaluation in Physical Education. (3-0-3) Selection and administration of physical measurements and written tests commonly used in physical education.

4741 PED. Independent Study. (Arr.-Arr.-1-3) Note: May be repeated; the maximum amount of credit which may be earned is six semester hours.

Courses Open to Juniors, Seniors, and Graduate Students

4760 PED. Sport Law. (3-0-3) S. A survey of the law of liability, negligence and tort in sport (including coaching) and fitness agencies. Pertinent concepts related to owning and operating a fitness club and legal constraints affecting the operation of athletic facilities will be included. Prerequisite: PED 4320 or permission of instructor.

4761 PED. Sport Management and Administration. (3-0-3) F. Concepts, administrative processes, systems and styles with theoretical application to leadership in various sport and fitness environments. Prerequisite: PED 4320 or permission of instructor.

4762 PED. Publicity in Sports. (3-0-3) S. Applications and protocol of sports publicity strategies. Prerequisite: JOU 3820 or JOU/SPC 4820 or permission of instructor.

4880 PED. Theory of Motor Behavior. (3-0-3) S. A study of the factors influencing human movement and skill learning. Emphasis is placed upon theories and concepts relating to motor skill performance.

4900 PED. Special Topics in Exercise Physiology. (1-0-1) Study of special topics and contemporary issues and trends in Exercise Physiology. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. Prerequisites: PED 2440, 4340, BIO 2001G; or equivalent undergraduate exercise physiology course.

Graduate Courses

(Courses numbered 5000-5499 inclusive may be taken by a senior whose GPA is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School.) For graduate courses, see the *Graduate Catalog*.

PHYSICAL SCIENCES

Undergraduate Course

3400 PHS. Methods of Teaching Physical Sciences. (3-0-3) F. Science lesson presentations and examination of current literature concerning new approaches in teaching chemistry and physics. Thirty clock hours in pre-student teaching are included. Prerequisites: EDP 3325 and SED 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

Graduate Courses

Courses in chemistry and physics are used for the M.S. in Natural Sciences. See listings for Chemistry and Physics.

PHYSICS

PHY 1351G, 1352G, 1361, 1362, and 1371, 1372 constitute the standard introductory sequence in physics for majors and minors in chemistry, physics, and pre-engineering. PHY 1151G, 1152G and 1161, 1162 are intended primarily for geology, life science, and industrial technology majors, students in the health professions and others desiring a full-year cultural exposure to physics in a course with less technical emphasis than the 1300 series.

Undergraduate Courses

1000 PHY. Engineering Orientation. (Arr.-0-0) F, S. Audit Only. Informational presentations concerning Engineering, in general, and the various engineering specialties that students may elect to pursue. Required of all pre-engineering majors during each semester of attendance.

1051G PHY. Physics of the Modern World. (3-0-3) An introduction to some of the revolutionary ideas of modern physics, such as quantum theory, atomic and nuclear physics, and Einstein's theory of Relativity. Cosmology, technology, plectics (the study of simplicity and complexity). Other topics may also be discussed at the discretion of the instructor. **P1 901**

1052G PHY. Adventures in Physics. (3-0-3) F. An introduction to the universal laws of nature, their governance of phenomena in everyday life, and their application to inventions in our technological society. Physics 1053G must be taken concurrently. **P1 901**

1053G PHY. Adventures in Physics Laboratory. (0-2-1) Experimental work demonstrating physical principles and their applications. Must be taken concurrently with Physics 1052G. **P1 901L**

1055G PHY. Principles of Astronomy. (3-0-3) An introduction to the solar system, planets, stars, galaxies, evolution of stars, neutron stars, black holes, cosmology, and the structure of the early universe. Physics 1056G must be taken concurrently. **P1 906**

1056G PHY. Principles of Astronomy Laboratory. (0-2-1) Experimental work demonstrating astronomical principles and techniques and their applications. Physics 1055G must be taken concurrently. **P1 906L**

1071 PHY. Physics of Sound and Music. (3-0-3) Development of basic ideas in physics of motion and applications to vibrations and sound waves. Introductory concepts in perception of loudness, pitch, and timbre. Fundamental ideas in musical scales, acoustics of rooms and acoustics of musical instruments. Does not count toward a physics major or minor. Physics 1072 must be taken concurrently. **P1 901**

1072 PHY. Physics of Sound and Music Laboratory. (0-2-1) Experimental work demonstrating physical and acoustical principles and their applications. Must be taken concurrently with Physics 1071. **P1 901L**

1095G PHY. Principles of Astronomy, Honors. (3-0-3) S. An introduction to the solar system, planets, stars, galaxies, evolution of stars, neutron stars, black holes, cosmology, and the structure of the early universe. Physics 1096G must be taken concurrently. Prerequisite: Admission to the Honors Program.

1096G PHY. Principles of Astronomy Laboratory, Honors. (0-2-1) S. Experimental work demonstrating astronomical principles and techniques and their applications. Physics 1095G must be taken concurrently. Prerequisite: Admission to the University Honors Program.

1151G PHY. Principles of Physics I. (3-0-3) Mechanics; Newton's Laws of Motion, Energy, Momentum, Conservation Principles, Gravity, Simple Harmonic Motion, Waves, Heat. This course is designed for majors in geology, life sciences, health professions, industrial technology, etc. Physics 1152G must be taken concurrently. Credit not given for both PHY 1151G and PHY 1351G. Prerequisite: MAT 1400 and MAT 1330; or 1340; or a satisfactory ACT mathematics score. **P1 900**

1152G PHY. Principles of Physics I Laboratory. (0-2-1) Experimental work demonstrating physics principles and their applications. Must be taken concurrently with Physics 1151G. Credit not given for both PHY 1152G and PHY 1352G. Prerequisite: MAT 1400 and MAT 1330; or 1430; or a satisfactory ACT mathematics score. **P1 900L**

1161 PHY. Principles of Physics II. (3-0-3) Electricity and Magnetism, Optics, Modern Physics. Designed for majors in geology, life sciences, health professions, industrial technology, etc. Credit not given for both 1161 and 1361. Physics 1162 must be taken concurrently. Prerequisites: PHY 1151G and MAT 1400 or 1430.

1162 PHY. Principles of Physics II Laboratory. (0-2-1) Experimental work demonstrating physics principles and their applications. Must be taken concurrently with Physics 1161. Credit not given for both 1162 and 1362. Prerequisites: PHY 1152G and MAT 1400 or 1430.

1351G PHY. General Physics I. (3-0-3) F, S. Classical mechanics including a detailed study of statics, kinematics, dynamics, simple harmonic motion; with straight-line, projectile, and rotational motion; also conservation principles, work, energy, momentum. The first of a three-semester sequence designed for students in chemistry, pre-engineering, mathematics, physics, etc. Physics 1352G must be taken concurrently. Credit not given for both 1351G and 1151G. **BIO 903**

1352G PHY. General Physics I Laboratory. (0-3-1) F, S. Experimental work demonstrating physics principles and their applications. Must be taken concurrently with Physics 1351G. Credit not given for both PHY 1352G and 1152G.

1361 PHY. General Physics II. (3-0-3) F, S. Thermodynamics, electricity and magnetism. The second of a three-semester sequence designed for students in chemistry, pre-engineering, mathematics, physics, etc. Physics 1362 must be taken concurrently. Corequisite: MAT 2442. Prerequisite: PHY 1351G. Credit not given for both PHY 1361 and 1161. **EGR 912; BIO 904**

1362 PHY. General Physics II Laboratory. (0-3-1) F, S. Experimental work demonstrating physics principles and their applications. Must be taken concurrently with Physics 1361. Credit not given for both PHY 1362 and 1162. Corequisite: MAT 2442. Prerequisite: PHY 1352G. **EGR 912**

1371 PHY. General Physics III. (3-0-3) F, S. Wave motion and sound, optics, modern physics. The third of a three-semester sequence designed for students in chemistry, pre-engineering, mathematics, physics, etc. Physics 1372 must be taken concurrently. Corequisite: MAT 2443. Prerequisite: PHY 1361, 1362. **EGR 914; BIO 904**

1372 PHY. General Physics III Laboratory. (0-3-1) F, S. Experimental work demonstrating physics principles and their applications. Must be taken concurrently with Physics 1371. Corequisite: MAT 2443. Prerequisite: PHY 1362. **EGR 914**

1391G PHY. General Physics I, Honors. (3-0-3) F. A quantitative study of kinematics, statics, dynamics and simple harmonic motion. Equations of motion are based upon an application of Newton's Laws, conservation principles, the work-energy theorem and Newton's Law of Universal Gravitation. Corequisite: MAT 1440G or MAT 1441G. Physics 1392G must be taken concurrently. Credit not given for both 1391G and 1351G or 1151G. Prerequisite: Admission to the University Honors Program.

1392G PHY. General Physics I Laboratory, Honors. (0-3-1) F. Experimental work demonstrating physics principles and their applications. Must be taken concurrently with Physics 1391G. Corequisite: MAT 1440G or 1441G. Credit not given for 1392G and 1352G or 1152G. Prerequisite: Admission to the University Honors Program. **P1 900L**

2390 PHY. Classical Mechanics I. (3-0-3) F. One-dimensional motion, line integral computation of work, vector analysis in coordinate systems, conservative fields, harmonic motion. Prerequisites: PHY 1351G, 1352G or permission of the instructor. Corequisite: MAT 2443. **EGR 942**

2400 PHY. Classical Mechanics II. (3-0-3) S. Central force motion, gravitational fields and potential, accelerated coordinate systems, vibrating string. Prerequisite: PHY 2390. Corequisite: MAT 2443. **EGR 943**

2600 PHY. Introductory Research in Physics. (Arr.-Arr.-1-3) Faculty-supervised experimental, theoretical, or computational research. A written record of laboratory work is required. A short oral presentation will be made that summarizes the student's work for the semester. Prerequisites: PHY 1351G, 1352G, permission of instructor, and permission of department chair. Can be repeated for credit.

3010, 3011, 3012 PHY. Special Topics in Physics. (Arr.-Arr.-1-3) F, S. A course in a selected area of Physics. May be repeated for credit if different topic is taught. Prerequisites: PHY 1351G, 1352G, 2390, and MAT 2443. Only six semester hours may be counted toward Physics major.

3050G PHY. Excursions in Physics. (3-0-3) Selected topics in Physics will be explored to illustrate a variety of physical situations and to acquaint the student with some of the underlying fundamental ideas and processes and methods of Physics.

3080 PHY. Modern Physics I. (3-0-3) S. The fundamental concepts of physics of the twentieth century are taught within a limited mathematical framework. Prerequisites: PHY 1371, 1372 and MAT 2443; corequisite: PHY 2390.

3090 PHY. Modern Physics II. (3-0-3) F-odd-numbered years. Continuation of PHY 3080 applied to the subjects of atomic, molecular, solid state physics, lasers and selected topics from twentieth century physics. Prerequisites: PHY 3080 and MAT 2443.

3150 PHY. Electronics. (2-4-4) F. A study of the fundamental principles of, and hands-on experience with, analog electronics. Topics include: DC, AC and transient circuit analysis techniques, rectification, active and passive filtering, regulation, oscillator circuits, and computer simulations using PSpice. Prerequisites: PHY 1161, 1162 or 1361, 1362; MAT 2110G or 1440G or 1441G.

3270 PHY. Introduction to Circuit Analysis. (4-0-4) S. Basic principles of network analysis, including Kirchoff's laws, node and mesh equations, matrix methods, equivalent circuits, operational amplifiers, transient analysis, sinusoidal steady-state analysis, three-phase circuits, transformers, network functions, and frequency response. Prerequisite: PHY 1361, 1362, credit or registration in MAT 3501 and some knowledge of matrices and computer programming. **EGR 931**

3300 PHY. Advanced Classical Mechanics. (3-0-3) S-odd-numbered years. The theory of rigid body motion. Lagrangian and Hamiltonian mechanics, coupled oscillating systems, normal modes and relativistic kinematics and dynamics. Prerequisite: PHY 2400.

3350 PHY. Introduction to Solid State Physics. (3-0-3) S-odd-numbered years. Discussion of crystal structure, crystallography, the theory of thermal and electrical transport properties of metals, semiconductivity, and superconductivity. Corequisite: PHY 3410 or CHM 3920.

3410 PHY. Electricity and Magnetism I. (3-0-3) F-even-numbered years. Coulomb's law, electric fields, potential, Gauss' law, capacitance, dielectrics, electrostatic energy, DC circuits, introduction to magnetic fields and forces, induction. Prerequisite: PHY 2390 and corequisite: MAT 3501.

3420 PHY. Electricity and Magnetism II. (3-0-3) S-odd-numbered years. Advanced magnetism, magnetic materials, magnetic energy, varying electric currents, AC circuits, Maxwell's equations, electromagnetic radiation. Prerequisite: PHY 3410.

3500 PHY. Laboratory Practicum. (0-3-1) F, S. Practical experience in laboratory procedures for introductory physics

laboratories. Students will gain experience in the methods of preparation and presentation of physics laboratories. This course is open only to Physics majors and Physics minors in the Teacher Certification program. May be repeated for a maximum of three semester hours of credit. Prerequisites: PHY 1371, 1372.

4000 PHY. Seminar in Physics. (1-0-1) F, S. Reports and discussions of selected topics with instructor approval for oral presentation. Required of junior majors. May be taken twice for credit.

4010 PHY. Seminar in Physics. (1-0-1) F, S. Reports and discussions of selected topics with instructor approval for oral presentation. Required of senior majors. May be taken twice for credit.

4410 PHY. Independent Study. (Arr.-Arr.-1 to 3) On demand. Selected problems based on student's interests. Admission and assignment of problems by arrangement. Laboratory, reading and conference. Prerequisite: Permission of instructor.

4444 PHY. Honors Independent Study. (3-0-3) Consideration of special topics in Physics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4470 PHY. Optics. (3-3-4) F-odd-numbered years. Geometrical optics, optical instruments, wave optics: superposition, coherence, interference, diffraction, polarization. Prerequisites: PHY 1371 and 1372.

4555 PHY. Honors Research. (3-0-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4600 PHY. Research in Physics. (Arr.-Arr.-1-3) Faculty-supervised research. A written report and an oral presentation are required. Prerequisites: PHY 2390, permission of instructor and department chair. Can be repeated for credit. Limit of three semester hours of PHY 4410, 4600 and 4800 in aggregate count toward Physics electives.

4644 PHY. Honors Thesis. (3-0-3) Intensive research in preparation of a thesis on a topic in Physics approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 PHY. Honors Seminar. (3-0-3) Areas of investigation which require integration of Physics and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4710 PHY. Experimental Physics. (0-4-1) F. Experiments from different areas of physics using various techniques and instrumentation to acquire and analyze physical data. Corequisite: PHY 3150. May be repeated for a maximum of three semester hours of credit.

Courses Open to Juniors, Seniors, and Graduate Students

4750 PHY. Thermodynamics and Statistical Mechanics. (4-0-4) F-even-numbered years. Thermometry, thermodynamic laws, kinetic theory, Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac statistics and applications. Prerequisites: PHY 1361, 1362, and MAT 2442.

4800 PHY. Independent Study. (Arr.-Arr.-1 to 6) On demand. Selected problems based on the student's interests. Admission and assignment of problems by arrangement. Laboratory, reading, and conference. Prerequisite: Permission of the instructor.

4850 PHY. Quantum Mechanics and Atomic Physics I. (4-0-4) F-odd-numbered years. Schrodinger equation applied to one-, two-, and three-dimensional problems, harmonic oscillator and hydrogen atom, uncertainty principle. Prerequisites: PHY 2400 and 3080; MAT 2443 and 3501.

4860 PHY. Quantum Mechanics and Atomic Physics II. (2-0-2) S-even-numbered years. Applications of the Schrodinger equation to nuclear, solid state, exclusion principle, angular momentum, atomic spectroscopy. Prerequisite: PHY 4850.

4870 PHY. Mathematical Methods of Physics. (3-0-3) F-odd-numbered years. Selected topics from dynamics (Lagrangian, Hamiltonian), electromagnetic theory (Maxwell's equations), etc. Prerequisites: PHY 2400, MAT 2443 and 3501.

For graduate courses, see the *Graduate Catalog*.

POLITICAL SCIENCE

Undergraduate Courses

1003 PLS. Introduction to Politics. (3-0-3) F, S. A national and world survey of the political process, political ideologies and aspects of political development. **S5 903**

1011 PLS. Participation in Political Campaigns. (1-Arr-1) F (state and national election years). (Credit/No Credit) Active participation in the electoral campaign of an individual candidate for state or national office or for the candidates of one political party. May be repeated with permission of the department chairperson.

1093 PLS. Current Problems in Politics and Governments, Honors. (3-0-3) On demand. A national and world survey of political conflict, theories of democracy and socialism, and political, social and economic aspects of development. Prerequisite: Admission to the University Honors Program.

1153G PLS. American Government and Constitution. (3-0-3) F, S. An introduction to the principles of the U.S. Constitution and political system, with an emphasis on the role citizens play in government and politics. Topics covered include the Constitution, civil rights and civil liberties, government institutions, political parties, voting and elections. **S5 900**

1193G PLS. American Government and Constitution, Honors. (3-0-3) F, S. An introduction to the principles of the U.S. Constitution and political system, with an emphasis on the role citizens play in government and politics. Topics covered include the Constitution, civil rights and civil liberties, government institutions, political parties, voting and elections. Prerequisite: Admission to the University Honors Program. **S5 900**

2003 PLS. Introduction to Political Research. (3-0-3) F, S. An introduction to the research process in political science, with a focus on research design; qualitative analysis; sources of information; and the variety of research projects undertaken by political scientists.

2053 PLS. Techniques of Political Analysis. (3-0-3) F, S. Quantitative techniques used in analyzing political systems. Practical experience in computer-assisted research. Not open to non-majors without permission of the instructor. Prerequisite: PLS 2003.

2211 PLS. Techniques of United Nations Diplomacy. (1-0-1) S. A role-playing experience in which students represent selected countries at the Midwest Model United Nations Assembly. The countries represented will vary from year to year and the course may be repeated once. Prerequisite: Restricted to students selected to represent EIU at the Midwest Model United Nations. Students pay meal charges while attending competition.

2253G PLS. Introduction to International Relations. (3-0-3) F, S. An introduction to the primary theories and political issues in international relations, including examination of the causes of war, international organizations, foreign policy making, the politics of the

world economy, and other political issues of transnational character, eg., terrorism, AIDS, and the environment. **S5 904N**

2293G PLS. Introduction to International Relations, Honors. (3-0-3) F, S. An introduction to the primary theories and political issues in international relations, including examination of the causes of war, international organizations, foreign policy making, the politics of the world economy, and other political issues of transnational character, eg., terrorism, AIDS, and the environment. Prerequisite: Admission to the University Honors Program. **S5 904N**

2512 PLS. Mock Trial. (0-4-2) S. A role-playing class in which students are trained to represent attorneys and witnesses in a mock trial competition. Prerequisite: Permission of the chairperson of Pre-legal Studies Committee. Course may be repeated for a total of four semester hours, but no more than two semester hours may count toward the Political Science major or the Political Science minor. Students pay travel, room and meal charges while attending competition.

2603 PLS. State and Local Government. (3-0-3) Structures, functions, processes and leadership of state, county and city governments, including analysis of political, constitutional and policy issues facing state and local legislators, executives, administrators and judges. **S5 902**

2611 PLS. Model Illinois Government. (1-0-1) S. The legal authority, structure and functions of the state legislature in Illinois. May be repeated for a total of two credits with permission of instructor.

2693 PLS. State and Local Government, Honors. (3-0-3) On demand. Structures, functions, processes and leadership of state, county and city governments, including analysis of political, constitutional and policy issues facing state and local legislators, executives, administrators and judges. Prerequisite: Admission to the University Honors Program. **S5 902**

3203 PLS. American Foreign Policy. (3-0-3) F. An analysis of major American foreign policy problems and the factors shaping foreign policy decisions.

3223 PLS. International Organizations. (3-0-3) S. An analysis of the development, scope and functions of general and regional international organizations and the process of international integration.

3303 PLS. European Politics and Government. (3-0-3) F. European political attitudes, parties and elections, policymaking, domestic and foreign policy, and political and economic integration.

3323 PLS. Politics of Communist and Post-Communist Europe. (3-0-3) S. The Marxist-Leninist police states, their transitions to democracy, and their searches for new identities.

3333 PLS. Politics of Latin America and the Caribbean. (3-0-3) F-even-numbered-years. This course examines the political environment of selected Latin American and Caribbean states. Special emphasis will be given to political development and the impact of various internal and external actors on democratization, modernization, and state-society relations.

3343 PLS. Government and Politics of the Middle East. (3-0-3) S. The governments and politics of the countries of the contemporary Middle East with an emphasis upon the processes of political modernization. Prerequisite: Three semester hours of political science.

3353 PLS. Politics of Sub-Saharan Africa. (3-0-3) F-odd-numbered years. This course examines the political environment of selected sub-Saharan African states. Special emphasis will be given to political development and the impact of various internal and external actors on democratization, modernization, and state-society relations.

3363 PLS. Government and Politics in Asia-Pacific Rim. (3-0-3) F. An introduction to the political systems of major Asian-Pacific Rim nations, emphasizing processes of modernization, system-building, regionalism, and international relations, including the impact of nationalism and colonialism. Prerequisites: Three semester hours of political science.

3373 PLS. International Political Economy. (3-0-3) F. Analysis from a political science perspective of modern theories of political economy; the role of governments in trade policy; economic development approaches; poverty in the global South; and the politics of governmental economic institutions in the international arena. Prerequisite: Three semester hours of political science or permission of the instructor.

3413 PLS. Introduction to Public Administration. (3-0-3) F. A study of the growth, principles and problems of public administration and the relationship to public policy. Prerequisite: PLS 1153G.

3513 PLS. Politics and the Legal Process. (3-0-3) S-even-numbered years. An analysis of the legal process as an integral part of the American political system with an emphasis upon the behavior of its participants: the police, lawyers, defendants, plaintiffs, politicians.

3523 PLS. Criminal Law. (3-0-3) F. Problems in the administration of criminal justice, with emphasis on topics such as search and seizure, arrest, interrogation, lineups, and the scope and administration of the exclusionary rule.

3543 PLS. Civil Liberties in America. (3-0-3) S-odd numbered years. An analysis of U.S. Supreme Court decisions in these areas: freedom of religion, freedom of expression, affirmative action, political participation, and the right of privacy.

3593 PLS. Politics and the Legal Process, Honors. (3-0-3) On demand. An analysis of the legal process as an integral part of the American political system with an emphasis upon the behavior of its participants: the police, lawyers, defendants, plaintiffs and politicians. Prerequisite: Admission to the University Honors Program.

3643 PLS. Comparative State Politics. (3-0-3) F. An introduction to the comparative analysis of state political systems with an emphasis on state administration and policy outputs.

3713 PLS. Political Parties and Elections. (3-0-3) F. An examination of the structure, function and role of political parties in the United States. Prerequisite: PLS 1153G or permission of the instructor.

3723 PLS. Public Opinion and Political Participation. (3-0-3) S. This course provides an introduction to American political behavior. Emphasis will be given to the topics of political socialization, public opinion, voter turnout, issue voting and partisanship. Prerequisite: PLS 1153G or permission of the instructor.

3733 PLS. Interest Groups. (3-0-3) S. An examination of the roles interest groups play in the political process, focusing on the development and maintenance of such groups as businesses, public interest groups, foreign lobbies and labor unions. Prerequisite: PLS 1153G or permission of the instructor.

3743 PLS. The Legislative Process. (3-0-3) S. An examination of the structures and functions of legislative bodies at the national, state and local levels. Prerequisite: Three semester hours in Political Science or permission of the instructor.

3753 PLS. The American Presidency. (3-0-3) F. An analysis of the development of the 20th century presidency, focusing on presidential elections, popularity and power, and relations with Congress and the courts. Prerequisite: Three semester hours in Political Science or permission of the instructor.

3763 PLS. Environmental Politics and Policy. (3-0-3) S. Analysis of environmental policy from the perspective of political science, focusing on policy-making techniques, relationships among policy-makers, and case studies of environmental policy and politics. The primary focus will be on the United States, but the course will cover global issues as well.

3903 PLS. Gender, Public Policy and the Law. (3-0-3) F. An analysis of the policies affecting the relative status and rights of women and men with emphasis on Supreme Court decisions and national legislation designed to promote equality of the sexes.

3970 PLS. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4275 PLS. Internship. (Arr.-Arr.-1 to 12) (Credit/No Credit) Work experience as an intern in a government agency, political party or law firm. Amount of credit depends on length of the work experience. Credit for this course does not count toward graduation if the student has earned 12 or more semester hours of Credit/No Credit in student teaching or any other internship offered by the University. A maximum of 12 semester hours of internship credit may be earned within the Department of Political Science. Prerequisites: 2.50 GPA, 2.75 GPA in Political Science, and three courses in Political Science; permission of department chairperson. Pre-law interns need the permission of the Pre-Legal Studies Committee chairperson to register for internships.

4444 PLS. Honors Independent Studies. (1-3) Consideration of special topics in political science. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4503 PLS. Independent Study. (Arr.-Arr.-1 to 6) Individual study of a topic of the student's choice under the supervision of an instructor. The student must submit a study plan within the first two weeks of the semester. Prerequisites: Six semester hours of political science, senior standing and permission of the department chairperson. Note: A maximum of six semester hours may be earned in this course. A maximum of three semester hours may be applied to the major in political science.

4555 PLS. Honors Research. (3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites: Admission to the Departmental Honors Programs and permission of the Departmental Honors Coordinator.

4644 PLS. Honors Thesis. (3) Intensive research in preparation of a thesis on a topic in political science approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4774 PLS. American Constitutional Law. (4-0-4) F. An analysis of Supreme Court decisions on federalism; powers of the President, Congress and the Supreme Court; commerce; taxation; and the civil liberties of the individual.

4793 PLS. Public Organization Theory. (3-0-3) F. The application of organization theory to administrative structures, processes and behavior in government bureaucracies. Includes an examination of bureaucratic politics and policymaking, administrative leadership and alternative models of public organization and management. Prerequisite: PLS 1153G or permission of the instructor.

4823 PLS. International Policy Issues. (3-0-3) S-even-numbered years. An analysis of contemporary world problems from the point of view of different nation-states. Students will help select the

issues. Prerequisite: Nine semester hours in the social sciences or permission of the instructor.

4843 PLS. Cities and Urban Politics. (3-0-3) F. Urban government structures, power, decision-making and policies. Includes analysis of urban political economy; cities and race; urban leadership; federal and state government policies toward cities; and challenges facing urban governance

4853 PLS. Contemporary Constitutional Development. (3-0-3) S. An analysis of current decisions and politics of the Supreme Court with emphasis on equal protection, first amendment, due process, and changes in the powers of the executive, legislative and judicial branches. Prerequisite: Three semester hours in public law or permission of the instructor.

4863 PLS. Special Topics in Political Science. (3-Arr.-1-5) Study of special topics in Political Science that are not ordinarily covered in existing courses. Topics to be announced. Study may include lecture, readings, oral presentations, group projects, and written assignments. May be repeated for credit on a different topic.

4873 PLS. Human Resource Management in Government. (3-0-3) S. An examination of the political environment's impact on personnel policies of local, state and federal agencies. Policies ranging from rights of government employees to affirmative action programs will be explored. Prerequisite: PLS 1153G or permission of the instructor.

4893 PLS. Government Budgeting and Financial Management. (3-0-3) S. An analysis of the various methods and techniques of public budgeting including an examination of revenue and expenditure patterns and important aspects of federal, state, and local financial management. Prerequisite: PLS 1153G or permission of instructor.

4903 PLS. Classic Political Theory. (3-0-3) F. The origins and evolution of major concepts in political thought from the time of Pericles through Rousseau. Prerequisite: Six semester hours of political science or permission of the instructor.

4913 PLS. Contemporary Political Theory. (3-0-3) S. Concepts in political thought with an emphasis on the development of communist, fascist, social democratic and contemporary theory. Prerequisite: Six semester hours of political science or permission of the instructor.

4933 PLS. Ideologies of the Third World Nations. (3-0-3) S. Survey of Third World political thought with a focus on the ideologies of nationalism, revolution, socialism, and democratic reform. Prerequisite: Three semester hours of political science or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

PSYCHOLOGY

Undergraduate Courses

1879G PSY. Introductory Psychology. (3-0-3) An integrated overview of the basic methods and principles of psychology including natural and social science contributions to the understanding of behavior and cognitive processes. **S6 900; SPE 912**

1890G PSY. Introductory Psychology, Honors. (3-0-3) F, S. An integrated overview of the basic methods and principles of psychology including natural and social science contributions to the understanding of behavior and cognitive processes. Prerequisite:

Admission to Honors Program. Credit not given for both PSY 1890G and 1879G. **SPE 912**

2610 PSY. Statistical Methods of Psychology. (3-2-4) Application of statistical methods to behavioral data. Prerequisites: PSY 1879G and MAT 1271 or 1400 or satisfactory ACT mathematics score.

2999 PSY. Psychological Forum. (1-0-1) F, S. A variety of methods, including surveys, case studies, and archival studies will be explored focusing on the profession of psychology. Prerequisites: PSY 1879G, academic standing as a sophomore psychology major.

3001 PSY. Environmental Psychology. (3-0-3) F, Su. The application of psychological theories and principles of human behavior to the study of the design and use of built and natural environments and to the understanding and control of environmental problems. Prerequisite: PSY 1879G.

3260 PSY. Introduction to Group Dynamics. (1-2-2) F, S. Introduction to group dynamics and therapeutic group procedures. Laboratory and classroom experiences will be utilized to provide direct group experiences and a basic fund of information of theoretical and empirical literature pertaining to groups. Prerequisites: PSY 1879G and approval of instructor prior to registration.

3310 PSY. Physiological Psychology. (3-0-3) F. A survey of the physiological correlates of the behavior in humans and lower organisms. Prerequisite: PSY 1879G.

3515 PSY. Child Psychology. (3-0-3) A survey of the progression of human development up to adolescence and the processes involved in the development of the physical, cognitive, and affective domains. Prerequisite: PSY 1879G. **PSY 901**

3521 PSY. Psychology of Adolescence and Young Adulthood. (3-0-3) F, S. A survey of psychological development during adolescence and young adulthood; the influences of biological, cognitive and social factors affecting identity, roles, and occupational selection. Prerequisite: PSY 1879G. (PSY 3515 is strongly recommended, but not required.) **PSY 902**

3525 PSY. Psychology of Maturity and Old Age. (3-0-3) A study of human developmental age-related changes from post-adolescence to death in such psychological process areas as intelligence, learning and memory, personality, sensation and perception, motivation and emotion. Emphasis will be given to developmental changes following adolescence to death. Prerequisite: PSY 1879G. **PSY 903**

3530 PSY. Industrial Psychology. (3-0-3) F, S. Applications of the methods and principles of psychology to organizational and work-related settings. Personnel, organizational, environmental, and technological issues are considered. Prerequisite: PSY 1879G or permission of the instructor. **PSY 906**

3590 PSY. Theories of Personality. (3-0-3) F, S. A comparison of the four major perspectives in personality theory: psychoanalytic, trait and type, social-behavioristic and cognitive-humanistic. Special emphasis is placed on basic concepts and principles, assessment, research and techniques used in the treatment process. Prerequisite: PSY 1879G. **PSY 907**

3601 PSY. Psychological Measurements: Fundamental Principles. (3-0-3) Statistical background, administration, interpretation and evaluation of interest, aptitude, intelligence and personality tests. Prerequisites: PSY 1879G, 2610.

3620 PSY. Psychology of Learning. (3-0-3) S. Introduction to basic principles and concepts of learning with particular emphasis on the application to problems of human learning. Prerequisite: PSY 1879G.

3680 PSY. Sensation and Perception. (3-0-3) S. Survey and study of the basic principles of sensation and perception relative to person's interaction with the environment. Significant applied and life span trends are considered. Prerequisite: PSY 1879G.

3690 PSY. Controversial Topics in Psychology. (3-0-3) F. Exploration of special interest or controversial topics in psychology as: hypnosis, drugs, behavior, transcendental meditation, gay liberation, biofeedback, ESP, and IQ controversy. Prerequisite: PSY 1879G.

3720 PSY. Psychology of Gender Differences. (3-0-3) S, Su. Examines the biological, psychological, and social origins of gender differences, as well as the probable future course of these differences. Emphasis on personal experiences in gender identity. Prerequisite: PSY 1879G.

3765 PSY. Methods in Behavioral Management. (3-0-3) The basic concepts of human operant conditioning. Emphasizes applied research and techniques of behavior management applicable to a wide variety of settings and problems. Prerequisite: PSY 1879G.

3780 PSY. Abnormal Behavior. (3-0-3) A study of the etiology, diagnosis, and treatment of neuroses, psychoses and various emotional and behavioral disorders. Prerequisite: PSY 1879G. PSY 905

3805 PSY. Research Methods and Experimental Design. (2-4-4) Examination of research methodology in psychology, including observational, experimental, and survey techniques. Provides opportunity to design research, analyze data, and write scientific reports. Prerequisites: PSY 1879G and 2610.

3830 PSY. Cognitive Processes. (3-0-3) F. A survey of research and theory in the "core topics" of cognitive psychology, i.e., perception, memory, language, and problem solving. Prerequisite: PSY 1879G.

3870 PSY. Social Psychology. (3-0-3) F, S. Comprehensive survey of research on social behavior. Topics to be studied include subcultural influences, group dynamics, inter-group relations, interpersonal interaction, and attitude change. Prerequisite: PSY 1879G. PSY 908

3900 PSY. Independent Study in Psychology. (Arr.-Arr.-1-6) The study of topics in psychology which may include laboratory research, readings, and field research. Approval of the instructor is required prior to registration. A maximum of nine semester hours may be earned in this course. A maximum of three hours may be applied to the major in psychology.

3970 PSY. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 PSY. Psychology of Problem Solving and Reasoning. (2-2-3) S. This laboratory course focuses on the theories and research that have established the cognitive science of problem solving and reasoning. Prerequisite: PSY 3830 or permission of professor.

4250 PSY. History and Systems. (3-0-3) F. Equal time will be devoted to contemporary systems and the history of psychology as an experimental science. Prerequisite: 15 semester hours in psychology.

4260 PSY. Crisis Intervention. (3-0-3) F, S. A comprehensive survey of psychological intervention theories along with practical and realistic guidelines for psychological interventions in personal, family, legal, and organizational crises. Prerequisite: 20 semester hours in psychological or related areas.

4270 PSY. Theories of Psychotherapy. (3-0-3) F, S. A detailed survey of theories, techniques and research involved in contemporary systems of psychotherapy, including issues relating to the nature of the therapeutic process, assessment and diagnostic practices, and ethical, legal and medical perspectives. Prerequisites: PSY 3590 and 3780.

4274 PSY. Orientation to Field Placement. (1-0-1) (Credit/No Credit) An introduction to field placement experience, professional behavior and ethics, and delivery of psychological services in applied settings. Prerequisites: Psychology major, 20 hours of psychology course work or permission of instructor.

4275 PSY. Field Placement in Psychology. (Arr.-Arr.-3-6) (Credit/No Credit) Supervised field experience that familiarizes students with the delivery of psychological services in applied settings. Prerequisites: Psychology major, PSY 4274, 20 hours of psychology course work and permission of the instructor. Six hours is the maximum number of hours permitted in Field Placement.

4444 PSY. Honors Independent Study. (3-0-3) Consideration of special topics in Psychology. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be repeated for up to six hours.

4515 PSY. Psychology of Exceptional Children. (3-0-3) A survey of educational, medical and psychological characteristics of exceptional children below the age of 21. Methods used to identify and assess the special problems of these children and the various programs of intervention. Prerequisites: PSY 1879G and 3515.

4590 PSY. Psychology Seminar. (Arr.-Arr.-1 to 3) F, S. Specific areas within the discipline will be given intensive study through lectures, readings, reports, and discussion. The topic for each semester will be announced in advance by the department chairperson. Prerequisite: Major or minor in psychology. May be repeated with permission of the instructor.

4610 PSY. Advanced Statistics in Psychology. (3-0-3) S. Analysis of variance techniques in experimental design. Prerequisite: PSY 2610 or equivalent.

4644 PSY. Honors Thesis. (Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in psychology approved by faculty supervisor and the Department Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be repeated for up to six hours.

4666 PSY. Honors Seminar. (3-0-3) Areas of investigation which require integration of psychological concepts and research will be treated, e.g., effectiveness of psychotherapy; psychology of the extraordinary, etc. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4700 PSY. Prejudice and Discrimination. (3-0-3) F. Study of the development, maintenance and prospects for reduction of prejudice and discrimination against minority groups. Minority is broadly defined to include groups based on race, ethnicity, gender, sexual orientation, age, etc. Prerequisite: PSY 1879G or SOC 2710G.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

RECREATION ADMINISTRATION

Undergraduate Courses

1320 REC. Leadership in Recreation. (2-2-3) F, S. Basic philosophies of recreation and techniques of leadership in the field of recreation, with practical experiences in the field of recreation with emphasis on face-to-face leadership. Field trip.

1780 REC. Introduction to Leisure Service Agencies. (3-0-3) F, S. A study of the concepts, history and philosophy of leisure, recreation and play. Course also introduces various sectors of leisure services industry and issues related to the delivery of leisure services.

2250 REC. Introduction to Therapeutic Recreation. (2-2-3) F, S. Introduction to the characteristics, abilities, and terminology of special populations with emphasis upon the development and implementation of programs. Practical experiences working with individuals with disabilities.

2290 REC. Programming for Leisure Agencies. (3-0-3) F, S. Development of programming aspects including planning, scheduling, personnel identification, publicity, formats and other aspects for a variety of leisure service agencies. Practical application of these programming elements and evaluation implemented by students in a local agency.

2500 REC. The Challenge of Leisure. (3-0-3) F, S. A study and evaluation of the effect of leisure in our lives and assessment of individual leisure participation.

3250 REC. Program Planning in Therapeutic Recreation. (3-0-3) F. The development of therapeutic recreation programs for individuals with disabilities. Includes the therapeutic recreation service model, program design, and related areas such as program philosophy, program focus, and appropriate intervention and facilitation techniques.

3300 REC. Commercial and Employee Recreation. (3-0-3) S. The exploration of recreation as a profit-making enterprise surveying the development and operation of goods and services offered in the leisure market. The exploration of the history, scope, place and relationship of industrial-employee recreation.

3310 REC. Travel and Tourism. (3-0-3) F. The study of travel and tourism with emphasis on terminology, social and economic impacts, travel trends and motivations, costs and benefits of tourism development. Prerequisites: Sophomore standing and six hours of behavioral sciences and/or business-related courses.

3360 REC. Therapeutic Recreation for Selected Populations. (3-0-3) S-even-numbered years. A course designed to provide the student with general information, characteristics, limitations, and potentials of selected populations with disabilities. Special emphasis will be given to the importance of the development, maintenance, and expression of an appropriate leisure lifestyle for individuals with physical, mental, emotional or social limitations. Prerequisite: REC 2250.

3510 REC. Camp Administration and Leadership. (2-0-2) S. Organization and administration of camps including: Business operation, maintenance, operation, program planning, counselor training, and camp standards and regulations.

3515 REC. Camping for Individuals with Disabilities. (2-Arr.-3) F. Overview of individuals with disabilities with special focus on working in a socio-recreation environment. Students will have involvement in writing objectives and activity plans, and developing and conducting weekend camps for a group of individuals with disabilities. Prerequisite: REC 2250 or permission of the instructor.

3550 REC. Fieldwork in Recreation I. (1-Arr.-3) F, S. Students are assigned to public or private agencies in the community for the purpose of organizing and conducting activities under supervision. There is discussion of problems associated with in-service training. Prerequisites: Second semester sophomore standing and nine hours of professional recreation classes or permission of instructor. Credit not granted for both REC 3550 and 3551.

3551 REC. Fieldwork in Recreation II. (0-Arr.-3) Students will be assigned to work full time at an entry-level recreation position under the supervision of a full-time recreation professional. A minimum of 30 hours per week for eight weeks will be required for all students

enrolling in this course. Prerequisites: Second semester sophomore standing and nine hours of professional recreation classes or permission of instructor. Credit not granted for both REC 3550 and 3551.

3560 REC. Outdoor Living Skills. (1-2-2) S. Study of approved techniques for out-of-doors living and survival skills. Practical experience provided.

3600 REC. Planning and Design of Leisure Facilities. (3-0-3) F, S. An introduction to the planning principles used in the design and development of recreation areas and facilities. Emphasis is on the planning process and the relationships existing between human needs and environmental resources. Special consideration is given to the accessibility needs of individuals with physical limitations. Field trips. Prerequisite: REC 2290.

3860 REC. Environmental Interpretation. (1-2-2) F-even-numbered years. An overview of environmental interpretation as it applies to both natural and man-made areas to acquaint the student with techniques and resources available for the implementation of interpretative programs within various park and recreation agencies. Field trips.

3900 REC. Operation of Leisure Facilities. (3-0-3) F-odd-numbered years. A study of methods and materials necessary for the operation and maintenance of recreation parks and other outdoor recreation areas. Information considered will involve a non-scientific approach to such areas as horticulture, agronomy, landscaping, general construction, paving, equipment and maintenance operation.

3910 REC. Microcomputers in Leisure Studies. (3-0-3) F, S. This course is designed to orient students to the various kinds of software and hardware being used in the leisure-related occupations. History, hardware and software selection is included. Prerequisites: No minimum programming level requirements; this is not a programming course.

3960 REC. Special Topics in Leisure Studies. (arr.-Arr.-1 to 3) On demand. Special topics and controversial trends in the area of leisure will be studied. May be repeated up to six hours with permission of Department Chair. Prerequisite: Junior standing or nine hours of Leisure Studies and/or behavioral sciences.

4274 REC. Pre-Internship. (1-0-1) F, S. (Credit/No-Credit) The pre-internship course will develop the student's ability to identify, select, and secure an internship position with a leisure service agency that will meet departmental objectives of the internship experience and the student's experience expectations. Prerequisite: REC 3550 or REC 3551 or permission of the instructor.

4275 REC. Internship. (Arr.-Arr.-6) (Credit/No Credit) A field experience to include full-time assignment to an established recreation program. Prerequisite: REC 3550 or 3551.

4355 REC. Client Assessment in Therapeutic Recreation. (2-2-3) S-odd-numbered years. A course designed to expose students to methods and techniques used for assessing leisure and recreation needs and determining appropriate goals for individuals with disabilities. An integral part of this course is the field practicum required of all students. The practicum occurs at various settings in the Charleston area. Prerequisites: REC 2250 and 3250 or permission of the instructor.

4444 REC. Honors Independent Study. (Arr.-Arr.-1) Consideration of special topics in leisure studies. Special emphasis on an area of interest to the student approved by the faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644 REC. Honors Thesis. (Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in leisure studies approved by the faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental

Honors Program and permission of the Departmental Honors Coordinator.

4666 REC. Honors Seminar. (Arr.-Arr.-3) Areas of investigation which require integration of leisure studies and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice.

4740 REC. Research and Evaluation in Leisure Studies. (3-0-3) F, S. An introduction to the research process as it applies to the field of leisure services. Covers various forms of research but will emphasize applied research, especially program evaluation and feasibility issues.

4741 REC. Independent Study. (Arr.-Arr.-1 to 6) Independent study may be undertaken for a number of projects such as: Positions working at a professional recreation agency, service projects for departmental and university organizations, surveys and research projects, research papers, and other investigative reports, reading and interpretation of literature in the field, and other student proposals. Credit is allowed from one to six semester hours with a maximum of three semester hours for any one project. Contact department chairperson for information.

Courses Open to Juniors, Seniors, and Graduate Students

4790 REC. Swimming Pool Management and Operation. (3-0-3) S. This course orients the student in the design of swimming pools, water treatment, maintenance problems, operational procedures, and program planning. Field trips are included.

4830 REC. Administration of Leisure Services. (3-0-3) F, S. Exploration of philosophical viewpoints underlying a recreation program; criteria for evaluating the recreational potential of a community; administrative problems related to park and recreation programs. Prerequisite: Twelve semester hours of recreation class credit or permission of instructor. Field trip.

4850 REC. Financial Practices for Leisure Service Agencies. (3-0-3) F, S. The investigation of the financial structures, resources, budget management and accounting procedures for public and private recreation agencies.

4950 REC. Therapeutic Leisure Services for the Aged. (3-0-3) S-odd-numbered years. Scope of the therapeutic recreation services available through private and public agencies; analysis of programs designed for persons with physical, emotional, intellectual or social disorders and handicaps. Practical experiences are provided.

For graduate courses, see the *Graduate Catalog*.

SECONDARY EDUCATION

Undergraduate Courses

2000 SED. Inquiry Into Teaching. (1-2-1) An introduction to the expectations of the modern-day secondary education teacher, including the role of the teacher, moral, ethical, and legal expectations of teaching, and the social and political context of schools and communities. Ethnographic research methods will also be introduced. Thirty clock hours of participation/ observation are required. **SED 905; EED 904; SPE 914**

3000 SED. Level I: Alternate Secondary Education Program. (2-3-3) (Credit/No Credit) Competency-based program integrating Educational Psychology, Instructional Methods, Special Education, and Educational Foundations; leading to secondary certification. Attaining skills from learning packages, public school contacts and experiences. Some classes will be held in the public schools; car pooling can be arranged.

3100 SED. Level II: Alternate Secondary Education Program. (2-3-3) (Credit/No Credit) Continuation of program leading to secondary certification. Integrating educational psychology, instructional methods, special education and educational foundations. Attaining skills from learning packages, public school contacts and classroom experiences. Prerequisite: SED 2000; SED 3000 or ASEP Director's permission. "University Admission to Teacher Education" requirements apply. Some classes will be held in the public schools; car pooling can be arranged.

3330 SED. Instructional Tasks in the Secondary School. (3-2-3) F, S. Present knowledge of the state of the secondary school, to become skilled in methods of teaching, planning of instruction, selection of appropriate content, classroom management, and assessment techniques. Thirty clock (30) hours of clinical activities are required. Prerequisites: "University Approval to Teacher Education" requirements apply; SED 2000, concurrent enrollment in EDP 3331.

4000 SED. Level III: Alternate Secondary Education Program. (Arr.-Arr.-14) (Credit/No Credit) Final course leading to secondary certification; requires a full semester of assigned student teaching/professional experiences integrated with educational psychology, instructional methods, special education, and educational foundations. Prerequisites: SED 3100, Departmental Methods, and admission to Teacher Education and university approval to student teach.

4741 SED. Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hours credit. Prerequisite: Permission of the Department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4751 SED. Strategies of Adult Instruction. (3-0-3) Methods, techniques, and devices in adult education, developing action-oriented learning situations, programmed instruction, developing appropriate materials and evaluating the outcome of courses.

4780 SED. Studies in Education. (3-0-3) On demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Prerequisite: Eight semester hours in education and psychology.

4790 SED. Studies in Education. (2-0-2) On demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Prerequisite: Eight semester hours in education and psychology.

4800 SED. Studies in Education. (1-0-1) On demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Prerequisite: Eight semester hours in education and psychology.

4850 SED. Seminar and Field Experiences in Adult Education. (2-6-4) A supervised experience in an adult educational operation which will allow the student to apply his/her skills and training to teaching adults. A follow-up of these experiences and other specific areas and topics will be given further study through readings, reports, and group discussions. Prerequisites: SED 4751, approval by the department chairperson and acceptance by a cooperating adult education organization.

SENIOR SEMINAR

(To be taken after the student has completed 75 semester hours.) Senior seminars are offered in a number of subjects and disciplines each semester, each one organized around a particular subject/issue important to contemporary society. Each seminar is listed by title and instructor in the schedule of courses during registration each semester. The student must successfully complete a seminar outside of his or her major.

The Senior Seminar at Eastern Illinois University is designed to be a cross-disciplinary culminating experience that will provide students with an opportunity to apply concepts and use skills developed in both their general education and major courses. Information about topics of major importance, e.g. the Holocaust, Social Movements, Women in Science, Technology, Controversies in Education, Sociobiology, etc. will be read, analyzed, discussed, and written about in a three semester-hour seminar led by a faculty member of a discipline different from those of the students. To allow ample time for writing and discussion, senior seminars will be limited to a maximum of 25 students. As an element of the general education curriculum, each senior seminar shall focus on some aspect of citizenship.

4100G EIU. Folklore, Culture, and Society. (3-0-3) Through a comparative examination of various folk groups and genres, this course will address the ways in which folklore contributes to the beliefs, traditions, and behaviors of individuals and societies. Special attention will be paid to contemporary folklore research and its relevance to the study and understanding of modern societies.

4101G EIU. Spaceship Earth: The Present State. (3-0-3) A holistic discussion of the planet Earth's potentials and limitations. Debate of the interrelationships and interactions between exponential growth of population, industry, pollution and nuclear wastes, exponential depletion of natural resources and the possible future consequences of this growth. Biological Science and Geology majors are excluded.

4102G EIU. Technology and Society. (3-0-3) A dialogue on contemporary problems influenced by technological advantage. Emphasis will be placed on analysis of key issues facing the world during the next 25 years. Special attention will be given to the impact and implications of technology on social/cultural and economic systems. Majors in Industrial Technology and Career and Technical Education with Technology Education emphasis are excluded.

4103G EIU. Physical Activity and Mental Wellness. (3-0-3) Various theories and psychological constructs will be examined in this course to determine the impact of exercise upon an individual's behavior, mood, personality, motivation, and psychological well-being. Students will be given the opportunity to examine the role of exercise in improving mental wellness and how psychosocial benefits can shape physical activity interventions. Physical Education majors are excluded.

4104G EIU. World Film: Language and Culture in Film. (3-0-3) This course will examine foreign film as a unique art form that strongly reflects the culture of its country of origin. Equal attention will be paid to film's cross-cultural and interdisciplinary nature. The influence of foreign film on and by Hollywood will be compared. Foreign Language majors are excluded.

4106G EIU. War Stories. (3-0-3) S. A study of selected war literature in light of the history of armaments and warfare. An inquiry into the roots of war and the ways armed combat has shaped politics, culture, and ethics will provide the context for close study and appreciation of works by Homer, Shakespeare, Remarque, Hemingway, and others. Majors in English are excluded.

4107G EIU. The Idea of a University: Yesterday and Today. (3-0-3) F, S. Through a close examination of one classic text, *The Idea of a University* by John Henry Newman, and five critical responses, this course will consider issues Newman raised in 1852: the place of religion and moral values in the educational setting, the competing claims of liberal and professional education, the character of an academic community, the cultural role of literature, and the relation of religion and science, all of which remain relevant today.

4108G EIU. The Changing World of Women. (3-0-3) This course examines historical perspectives on a variety of women's issues. In a time of gender role flux, where roles are no longer clearly defined by sex, it is necessary to examine these changes and how they have impacted on women and the world around them.

4112G EIU. Women and Technology. (3-0-3) A dialogue on the relationship between women and technology during the past, present, and into the future. Key issues which have affected the mobility of women into technical occupational fields will be studied. Projection will be made for the next decade. Majors in Industrial Technology are excluded.

4121G EIU. Leisure Time: The American Perspective. (3-0-3) Leisure is recognized as a basic component of the American lifestyle. Leisure is studied by psychologists, sociologists, economists, physicians, professional educators, and the business community. This course explores the nature of leisure time from these perspectives. Recreation Administration and Physical Education majors are excluded.

4123G EIU. Social Movements, Crowds, and Violence. (3-0-3) S, SU. A theoretical and empirical assessment of the origins, participation, development, tactics, and consequences of recent social movements. Crowd behavior and violence will be specifically included as they relate to social movements. Sociology majors are excluded.

4125G EIU. Cultural Diversity in the United States. (3-0-3) SU. This course will examine the development of the multicultural nature of the United States. Special attention will be given to the assimilation process and the struggle to achieve social, political and economic equality while maintaining cultural traditions and identities. Foreign Languages majors are excluded.

4155G EIU. The European Witchhunts. (3-0-3) Through a study of the events and circumstances surrounding the European Witchhunts, this course will explore the roles that misogyny, social dislocation, economic crisis, religious belief, and challenges to authority played in the age of intolerance that resulted in the execution of many thousands of women and men. History majors are excluded.

4158G EIU. Freedom of Expression: Dissent, Hate, and Heresy. (3-0-3) On demand. Examination of history, philosophy, theory, legal rights, constraints and ethical responsibilities regarding free expression. This civil liberty will be considered in the context of its application to and effect on different societal groups based on social and political status, gender and race.

4161G EIU. Theatre as a Soapbox. (3-0-3) S, SU. A discussion-centered examination of ways playwrights have used theatre as a vehicle for expression to enact change. Attention will be given to theatre as a forum to vent controversial social issues. Theatre Arts majors and English majors are excluded.

4162G EIU. Women's Voices: Women in the Theatre. (3-0-3) S, SU. A discussion course that examines the contributions of women to the theatre and the effect those contributions have had on society in general. Attention will be given to the political/social concerns expressed in the dramatic literature. Theatre majors and English majors are excluded.

4165G EIU. Journalistic Media in Society. (3-0-3) On demand. Identification and assessment of effects of interrelationship between journalistic media and social, cultural, political, economic, and technological systems and processes in the context of the media's major societal roles.

4167G EIU. The Meaning of Life. (3-0-3) SU. A study of various answers to questions concerning the ultimate value and meaning of human life. The course examines three different approaches to the question of the meaning of life: the theistic approach, the non-theistic approach and the approach that questions the meaningfulness of the question. Philosophy majors are excluded.

4170G EIU. History of Film. (3-0-3) Through an investigation of the problems with and possibilities of cinematic depictions of the historical past, this course will explore the ways in which film uses historical images to project social ideals. Special attention will be

placed on developing a method by which to critique the historicity of historical films. History majors are excluded.

4191G EIU. Leisure Time: The American Perspective, Honors. (4-0-4) Leisure is recognized as a basic component of the American lifestyle. Leisure is studied by psychologists, sociologists, economists, physicians, professional educators, and the business community. This course explores the nature of leisure time from these perspectives. Prerequisite: Admission to the University Honors Program. Recreation Administration and Physical Education majors are excluded.

4193G EIU. The Holocaust, Honors. (4-0-4) F, S. An examination of the Holocaust from 1933-1945. This course will examine the many factors (including intellectual, political, legal, and economic changes) that resulted in the institutionalized destruction of European Jewry. History majors are excluded. Prerequisite: Admission to University Honors Program.

4195G EIU. The European Witchhunts, Honors. (4-0-4) F, S. Through a study of the events and circumstances surrounding the European Witchhunts, this course will explore the roles that misogyny, social dislocation, economic crisis, religious belief, and challenges to authority played in the age of intolerance that resulted in the execution of many thousands of women and men. History majors are excluded. Prerequisite: Admission to University Honors Program.

4196G EIU. Journalistic Media in Society, Honors. (4-0-4) On demand. Identification and assessment of effects of interrelationship between journalistic media and social, cultural, political, economic and technological systems and processes in the context of the media's major societal roles. Particular attention will be given to media's changing and evolving impact on society and groups within society. Prerequisite: Admission to University Honors Program.

4197G EIU. Freedom of Expression: Dissent, Hate, and Heresy, Honors. (4-0-4) On demand. Examination of history, philosophy, theory, legal rights, constraints and ethical responsibilities regarding free expression. This civil liberty will be considered in the context of its application to and effect on different societal groups based on social and political status, gender and race. Prerequisite: Admission to University Honors Program.

SOCIAL SCIENCE

Undergraduate Course

3400 SOS. Methods and Materials in the Social Studies in the Secondary School. (3-0-3) F, S. Aims and objectives of social studies teaching; nature and scope of social studies materials; methods employed in teaching the social studies. Thirty clock hours in pre-student teaching are required. Prerequisites: EDP 3325 and SED 3330; for ASEP students, SED 3000 and 3100, for Middle Level Education majors, MLE 3110.

SOCIOLOGY

Undergraduate Courses

2710G SOC. Introductory Sociology. (3-0-3) Scientific description of the regularities and patterns of behavior that characterize our society and the larger global environment. Sociological analyses of the social forces that affect our daily lives. **S7 900**

2721 SOC. Social Stratification. (3-0-3) F, S. A descriptive and theoretical analysis of the issues of social inequities and social justice; a study of the problems created by differential status, power, and social mobility. Prerequisite: SOC 2710G.

2750G SOC. Social Problems in Contemporary Society. (3-0-3) Sociological considerations of the historical development, definitions and nature of social problems, ranging from the global to the interpersonal, and grounded within theoretical frameworks. **S7 901**

2761 SOC. Introduction to Criminology. (3-0-3) A historical and sociological survey of criminal justice in the United States, a review etiological factors of crime, delinquency and prevention. Prerequisite: SOC 2710G. **CRJ 912**

2780 SOC. The Sociology of Deviant Behavior. (3-0-3) F, S. Historical and structural analysis of changing notions of definition, etiology and treatment of deviant behavior. Contemporary theory and research will be employed to illustrate recent trends and political consequences of such trends.

2830 SOC. Family and Society. (3-0-3) F, S. Background of the modern family; the impact of culture and social change; personality factors involved in marriage; family disorganization. **S7 902**

2840 SOC. Racial and Cultural Minorities. (3-0-3) S. The causes and consequences of prejudice and discrimination; the effects of majority and minority status for intergroup relations. Prerequisite: SOC 2710G.

2890G SOC. Social Problems in Contemporary Society, Honors. (3-0-3) On demand. Sociological analysis of the historical development, definitions, and nature of social problems, grounded within theoretical frameworks. Prerequisite: Admission to the University Honors Program. **S7 901**

3000 SOC. Sociology of Sport. (3-0-3) F. Application of sociological theories and empirical research findings to sport, and its socio-cultural context. Focus on the functions of various forms of these activities for society, and controversies regarding their legitimacy. Cross-cultural, comparative examples are used.

3520 SOC. The Development of Sociological Thought. (3-0-3) F, S. This course treats the growth of social thought from the pre-scientific to the modern empirical approach based on current modes of sociological inquiry. Restricted to majors and minors in sociology and social science. Prerequisite: SOC 2710G.

3600 SOC. Introduction to Social Work. (3-0-3) F, S. A survey of principles, techniques, and fields of social work. Prerequisite: SOC 2710G.

3610 SOC. Statistical Analysis of Social Data. (3-0-3) F, S. Survey of statistical techniques used to summarize and describe the quantitative characteristics of social research data. Also surveys statistical techniques necessary to generalize observations from samples to parent populations.

3620 SOC. Research Methods for Collecting Social Data. (3-0-3) F, S. Surveys social scientific methods developed to collect data in human populations. Stresses importance of problem formulation, research design, and interpretation. Prerequisite: SOC 2710G.

3622 SOC. Population. (3-0-3) S. A descriptive and theoretical analysis of the dynamics of population with emphasis on population trends. Prerequisite: SOC 2710G.

3650 SOC. Social Psychology. (3-0-3) F, S. This course focuses on sociological social psychology, that is, how two or more persons fit their behaviors together in cooperation, in competition, and in conflict. The course provides a survey of research on the self, interpersonal and small group behavior, and collective action and social movements. Prerequisite: SOC 2710G.

3660 SOC. Social Organization. (3-0-3) F. Analysis of the elements of social organization with an emphasis on complex organizations associated with urbanization and the development of large scale systems. Prerequisite: SOC 2710G

3750 SOC. Social Change. (3-0-3) F-even-numbered years. Consideration of both historical and contemporary theoretical and applied means by which social structure is modified. Cross-cultural examples will be used extensively. Prerequisite: SOC 2710G

3770 SOC. Sociological Analysis of Crime and Criminal Justice System. (3-0-3) S. An advanced study of social-psychological factors of crime and the adult offender, vis-a-vis the Criminal Justice system; i.e., apprehension, adjudication, treatment and prevention practices. Prerequisites: SOC 2710G, 2761 or permission of the instructor.

3780 SOC. Policing Society: A Sociological Analysis. (3-0-3) F. A critical sociological analysis of the role of being a police officer and an analysis of the social and organizational structure of police organizations in a democratic society. Prerequisites: SOC 2710G and 2761.

3801 SOC. Rural Sociology. (3-0-3) F-odd-numbered years. Study of patterns of land settlement, social interaction, social structure and function, and social problems unique to the rural way of life. Prerequisite: SOC 2710G.

3900 SOC. Political Sociology. (3-0-3) S. Sociological analysis of the political systems of contemporary nation-states utilizing the concepts and theories relevant to this sub-field of sociology, with special emphasis on the distribution of power in contemporary societies. Prerequisite: SOC 2710G or permission of the instructor.

3903 SOC. Gender Roles and Social Change. (3-0-3) S. A sociological and anthropological study of women's roles, the evolutionary development of female and male roles, the roles of women and men in non-literate societies, and problems of women in the changing socio-cultural environment of the modern world.

3970 SOC. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 SOC. Sociology of Work and Occupations. (3-0-3) S. Sociological analyses of social and technical relationships in the production system. Work and new technology. Work and gender. Bureaucracy and professionalism. Conflicts in the workplace and efforts to cope with them. Prerequisite: SOC 2710G

4010 SOC. Sociology of Science and Knowledge. (3-0-3) On demand. Analysis of the social foundations of science and knowledge and the impact of science on other social institutions. Prerequisites: Junior-senior standing; minimum of 12 hours of sociology course work, including SOC 2710G (or permission of the instructor).

4250 SOC. Contemporary Sociological Theory. (3-0-3) F, S. Focus will be on the major theoretical perspectives currently in use in sociology. Subdivisions of these main perspectives will also be presented. Applications, particularly in areas of public policy, will be emphasized. Prerequisite: SOC 2710G or permission of instructor.

4275 SOC. Internship in Sociology. (Arr.-Arr.-1 to 12) (Credit/No Credit) Experience in an agency or organization. The course will be offered on a credit/no credit basis; however, the total hours must not exceed 12 hours including courses taken in any other internship offered by the University. Prerequisites: Permission of the Internship Coordinator, acceptance of the student by the agency or organization involved, a cumulative GPA of 2.50, a minimum of 75 hours of course work completed, and a minimum grade of C in either SOC 3660 or 4000.

4400 SOC. Independent Study. (Arr.-Arr.-1 to 3) Individual study of a topic of the student's choice under the direction of a faculty member. The student must submit and receive approval of a detailed study plan prior to central registration. This course may be repeated for a total of not more than six semester hours of credit. Prerequisites: Fifteen semester hours of sociology and a cumulative GPA of 3.0 or better or permission of instructor.

4700 SOC. Dynamics of Collective Behavior. (3-0-3) S. Analysis of transitory phenomena, including publics, audiences, crowds, mobs, riots, and social movements. Prerequisite: SOC 2710G.

Courses Open to Juniors, Seniors, and Graduate Students

4750 SOC. Sociological Analysis of Juvenile Delinquency. (3-0-3) S. Advanced study of theories of etiology, treatment and prevention. Prerequisites: SOC 2710G, 2761 or permission of the instructor.

4790 SOC. The Correctional Process: A Sociological Analysis. (3-0-3) F, S. Provides an understanding of the entire field of correctional systems in terms of its official objectives, its actual effects and effectiveness, including special focus on experimental programs. Prerequisites: SOC 2710G and 2761.

4800 SOC. Sociological Aspects of Gerontology. (3-0-3) F. Review of current gerontological theories and research; consideration of structural and functional aspects of the social order as related to the aging process. Prerequisite: SOC 2710G or permission of instructor.

4900 SOC. Current Issues in Sociology. (3-0-3) F, S. Analysis of selected current social problems. Restricted to majors in Sociology and Social Science. With permission of instructor, may be taken twice for credit. Prerequisites: SOC 3520 and 4250; senior standing or permission of the instructor.

SPECIAL EDUCATION

Undergraduate Courses

3000 SPE. Education of Individuals Labeled Exceptional. (3-0-3) A study of the special educational needs of students with exceptional characteristics; the methods; and the educational programs designed to meet their needs in the public schools.

3200 SPE. Characteristics of Individuals Labeled Mildly/Moderately Exceptional. (4-0-4) F, S. Course includes characteristics of individuals with learning disabilities, behavior disorders, and/or mental retardation; to include historical perspectives, terminology, and etiology of each condition. SPE 3000 must be taken concurrently or as a prerequisite. SPE 3200 must be taken concurrently or as a prerequisite to 3201. Department requirements for enrollment must be met.

3201 SPE. Observation of Individuals Labeled Mildly/Moderately Exceptional. (0-6-3) F, S. This course includes preclinical clock hours of observation of individuals labeled mildly/moderately exceptional (LD., MR., BD.). Training is provided in basic observational methodology and in the completion of various checklists designed for use with individuals labeled as exceptional. On-site observations are rotated, and additional field trips and experiences are required. Prerequisite: SPE 3200 or concurrent enrollment. Department requirements for enrollment must be met.

3220 SPE. Characteristics of Children (Birth to 5) Labeled Exceptional or At-Risk. (3-0-3) This course provides an overview of early childhood special education. Content areas covered include: rationale and historical perspectives of early childhood Special Education, typical/atypical child development, and intervention issues/practices. Corequisite or prerequisite: SPE 3000. Corequisite: SPE 3225. Limited to Special Education majors. Department requirements for enrollment must be met.

3225 SPE. Observation of Children (Birth to 5) Labeled Exceptional. (0-4-2) Sixty clock hours of observation of behaviors of children (birth to five) labeled exceptional or at-risk for handicaps are required. Corequisite or prerequisite: SPE 3000. Corequisite: SPE 3220. Limited to Special Education majors. Department requirements for enrollment must be met.

3250 SPE. Observation of Individuals Labeled Mildly/Moderately Exceptional: Learning Disabilities. (0-2-1) F, S. Sixty clock hours of observation or simulation of individuals' behaviors that cause them to be labeled learning disabled. Must be taken concurrently with or subsequent to SPE 3200 by Special Education majors seeking certification in learning disabilities. Limited to Special Education majors.

3260 SPE. Observation of Individuals Labeled Mildly/Moderately Exceptional: Educable Mentally Retarded. (0-2-1) F, S. Sixty clock hours of observation and/or simulation of behaviors of children labeled mildly or moderately retarded are required. Must be taken concurrently with or subsequent to SPE 3200 by Special Education majors seeking certification in educable mentally retarded. Limited to Special Education majors.

3270 SPE. Observation of Individuals Labeled Mildly/Moderately Exceptional: Behavior Disorders. (0-2-1) F, S. Sixty clock hours of observation of behaviors of children labeled exceptional are required. Must be taken concurrently with or subsequent to SPE 3200 by Special Education majors in the behavior disorders approved program. Limited to Special Education majors.

3500 SPE. The Education of Individuals with Exceptionalities. (3-0-3) Identification of individuals with exceptionalities and a study of the educational needs of individuals with exceptional characteristics including, but not limited to, children labeled learning disabled. Appropriate methods of instruction employable by classroom teachers, and educational programs designed to meet individual needs in the public school will be examined. Not open to students whose major is Special Education. Prerequisite: Junior standing. "University Admission to Teacher Education" requirements apply.

3600 SPE. Learning Theory Models in Special Education. (2-2-3) Course will examine theories of learning as they apply in Special Education and will provide practicum experience in applying theories with children. Prerequisite: SPE 3000 or concurrent enrollment.

3700 SPE. Vocational Development for Individuals Labeled Exceptional. (3-0-3) F. A study of vocational orientation, work orientation, vocational programming and job placement for the handicapped student. Prerequisites: Junior standing; enrolled in or employed in special education and/or vocational education programs.

3970 SPE. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4444 SPE. Honors Independent Studies. (3) Consideration of special topics in special education. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4530 SPE. Facilitating Language of School Age Individuals Labeled Exceptional. (3-0-3) S. Development of assessment and intervention strategies for teachers in Special Education to facilitate spoken and written language development of school age students. This course is designed for Special Education personnel, but not designed to prepare speech/language pathologists. Prerequisites: SPE 3000 and CDS 2200. Permission of the department required for non-majors.

4600 SPE. Communication Skills and Community Services. (3-1-3) F, S. Consideration of the problems of communication in Special Education and the community services available for individuals labeled exceptional and their parents. Particular emphasis will be on the role of the Special Education teacher as facilitator in the communication process between school and home. Departmental permission required for non-majors.

4644 SPE. Honors Thesis. (3) Intensive research in preparation of a thesis on a topic in special education approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 SPE. Honors Seminar. (Arr.-Arr.-3) Areas of investigation which require integration of special education and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4700 SPE. Curriculum and Materials in Special Education. (3-0-3) F, S. Curriculum issues and the decision-making process to educate individuals labeled mildly/moderately exceptional will be studied. Individualized education plan writing skills will be related to curriculum development and material selection. Prerequisites: SPE 3000, 3200, 3201 and concurrent enrollment in 4800 or permission of the department chairperson.

4720 SPE. Curriculum and Materials in Early Childhood Special Education. (3-0-3) Service delivery models, teaming issues, and the selection and development of curricula and materials for children with handicapping conditions or at-risk for developing handicaps are the focus of this course. Prerequisites: SPE 3220 and 3225 or permission of the department chairperson. Corequisite: SPE 4820 or permission of the department chairperson.

4730 SPE. Curriculum Adaptation and Consultation for Individuals With Special Needs. (3-2-3) F, S. Development of competencies to adapt classroom curricula for learners with special needs and of the consultation skills needed to facilitate implementation of the modified curricula. Prerequisites: SPE 3200 and 3201; SPE 4700 must be taken prior to or concurrently with this course.

4741 SPE. Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4765 SPE. Gifted and Creative Students. (3-1-3) S-even-numbered years. A course in identifying gifted and creative children, studying their characteristics, their diversity of talents, and curriculum provisions.

4800 SPE. Diagnosis of Children with Exceptionalities. (3-2-4) Course deals with means and methods of diagnosing individuals identified as educable mentally handicapped, learning disabled, and severely emotionally disturbed. Includes essentials of psychoeducational testing, formal and informal instruments of assessment, cultural considerations and interpretation of results. Prerequisites: SPE 3000, 3200, 3201, 4700 and/or concurrent enrollment in 4700. University Teacher Education requirements apply and department requirements for enrollment must be met. **WI**

4820 SPE. Assessment in Early Childhood Special Education. (3-1-3) The nature and characteristics of young children with handicaps and those who are at-risk for handicapping conditions and the study of identification and assessment techniques for early interventionists will be examined. Prerequisites: SPE 3220 and 3225 or permission of the department chairperson. Corequisite: SPE 4720 or permission of the department chairperson. University Teacher Education requirements apply and department requirements for enrollment must be met.

4900 SPE. Instructional Strategies for Individuals Labeled Mildly Exceptional. (5-0-5) F, S. Introduction to methods and techniques of teaching students with mild handicapping conditions (L.D., E.M.H., B.D.). Curriculum implementation, behavioral strategies, and classroom organization and procedures will be discussed. Concurrent enrollment in SPE 4901 (practicum component) required. Prerequisites: SPE 3201 and 4800. University Teacher Education requirements apply and department requirements for enrollment must be met.

4901 SPE. Practicum with Individuals Labeled Mildly Exceptional. (0-6-3) F, S. Implementation of strategies learned in SPE 4900 (L.D., E.M.H., B.D.). Prerequisite: Concurrent enrollment in SPE 4900. University Teacher Education requirements apply and department requirements for enrollment must be met.

4920 SPE. Educating the Young Child with Handicaps. (3-4-3) This course introduces and provides practice in methods and techniques for planning, implementing, and evaluating effective

intervention with young children with handicapping conditions or who are at-risk for handicaps, and their families. Prerequisites: SPE 4720 and 4820. University Teacher Education requirements apply and department requirements for enrollment must be met.

4925 SPE. The Role of the Educator as a Facilitator of Language in Children (Birth to Five) Identified as Exceptional. (3-0-3) Development of assessment and of intervention strategies to facilitate communication skills of children identified as exceptional or at-risk for handicaps. This course is designed for special education personnel, but not designed to prepare speech-language pathologists. Undergraduate prerequisites: SPE 3220, SPE 3225, and/or permission of the department chairperson.

4950 SPE. Methods of Teaching Children with Learning Disabilities. (3-1-3) This course deals with the various methods and techniques of remediation of children with learning disabilities. Prescription writing, procedures of teaching, curriculum needs, and classroom management of such children will be studied. Prerequisites: Students must have completed 26 semester hours in SPE (including SPE 3000, 3200, 3250, and 4800) and must have permission of the department Chairperson to enroll.

4960 SPE. Methods of Teaching Children with Mental Handicaps. (3-1-3) Class and curriculum organization and introduction to methods and techniques of teaching individuals labeled as educable mentally handicapped. Prerequisites: Students must have completed 26 semester hours in SPE (including SPE 3000, 3200, 3260 and 4800) and must have permission of department Chairperson to enroll.

4961 SPE. Methods for Teaching and Evaluating Individuals Labeled Trainable Mentally Handicapped. (2-1-2) Su. This course is designed to acquaint teachers and prospective teachers with methods and materials appropriate for use with individuals labeled TMH. The course includes topical discussions and practicum assignments. Prerequisites: SPE 3260 or 3201, 4800, or permission of the department chairperson.

4970 SPE. Methods of Teaching Children with Behavior Disorders. (3-1-3) Remedial methods of teaching individuals who are socially and emotionally maladjusted. Prerequisites: Students must have completed 26 semester hours in SPE (including SPE 3000, 3200, 3270 and 4800) and must have permission of department Chairperson to enroll.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the *Graduate Catalog*.

SPEECH COMMUNICATION

Undergraduate Courses

1310G SPC. Introduction to Speech Communication. (3-0-3) (Graded A, B, C, N/C) Fundamental principles of selecting, analyzing, evaluating, organizing, developing, and communicating information, evidence, and points of view orally. The course includes instruction in techniques of listening and informative, persuasive, and reactive speaking. **C2 900** Note: A grade of 'C' or better in ENG 101G, ENG 1002G, and SPC 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a General Education requirement.

1390G SPC. Introduction to Speech Communication, Honors. (3-0-3) (Graded A, B, C, N/C) Fundamental principles of selecting, analyzing, evaluating, organizing, developing and communicating information, evidence, and points of view orally. The course includes techniques of listening and informative, persuasive, and reactive speaking. Prerequisite: Admission to the University Honors Program. **C2 900**

2010 SPC. Introduction to Communication Theories. (3-0-3) F, S. A survey of communication theories in rhetorical, public, interpersonal, organizational, and mediated contexts.

2020 SPC. Speech Communication Research. (3-0-3) F, S. Introduction to the speech communication discipline through encountering its publications and resources. Instruction in APA writing style, research methods, major areas of study and inquiry, and exploration of current controversial issues in the discipline. Included are a variety of writing and research activities.

2030 SPC. Applied Communication. (3-0-3) F, S. Study of communication principles and skills in applied contexts. Skills emphasized include public performance/presentations; teams, meetings, and project management; leadership and decision-making. Use and implications of new technologies are also addressed.

2040 SPC. Argumentation and Critical Thinking. (3-0-3) Study of how to build, critique, and adapt arguments within a climate of disagreement. Practice in gathering and evaluation of evidence, selection and evaluation of reasoning, and the production, criticism and refinement of both oral and written arguments.

2100 SPC. Listening. (3-0-3) F, S. Development of listening ability in the five basic types of listening through theoretical studies and developmental activities.

2300 SPC. Persuasion. (3-0-3) Study of the various persuasive strategies used in communication and issues surrounding those strategies. Emphasis will be given to both the performance and critical evaluation of persuasive techniques. **SPC 912**

2320 SPC. Discussion. (3-0-3) Study of the nature of discussion, including preparation, process, leadership, participation, types and forms, and evaluation. Practice in techniques of effective group discussion.

2520 SPC. Introduction to Mass Communication. (3-0-3) Survey of the origin and growth of the media, the social basis of radio, TV, and motion pictures and the physical nature of mass communications systems.

2525 SPC. Electronic Production I. (1-4-3) F. Students receive an overview of the electronic media and learn basic audio and video production theories and techniques. Emphasis is on studio production. Students will be required to complete laboratory hours at WEIU-TV and/or WEIU-FM.

2550 SPC. Basic Broadcast Announcing. (2-2-3) A competency-based introduction to the process and problems of working with microphones in any "broadcasting" situation. Work will include diction and delivery techniques for broadcasting in addition to a study of microphone types, characteristics, and usages. **MC 918**

2575 SPC. Electronic Production II. (1-4-3) S. Students learn theories and techniques of audio and video production, with an emphasis on field production, post-production, and broadcast news. Students will be required to complete laboratory hours at WEIU-TV and/or WEIU-FM. Prerequisite: SPC 2525 or permission of instructor.

2630 SPC. Introduction to Interpersonal Communication. (3-0-3) Language and behavior analysis serve as a vehicle for exploring interpersonal communication through lecture and discussion. Students are exposed to principles of human communication with special emphasis placed on critical thinking as a tool for improving everyday communication skills and avoiding misunderstandings. **SPC 921**

2650 SPC. Introduction to Organizational Communication. (3-0-3) F, S. Introduction to communication in organizations. Includes basic theories, structures and functions of communication in business and professional settings. Effective leadership, decision making, and management of communication techniques.

3200 SPC. Rhetorical Criticism. (3-0-3) S. The analysis of persuasive messages from a variety of mediums. Practice in the application of various critical perspectives to the analysis of persuasive messages.

3230 SPC. Advanced Public Speaking. (3-0-3) Principles and techniques of audience analysis, topic analysis and preparation, communication theories, and performance and evaluation. Prerequisites: SPC 1310G and 2300 or permission of instructor. **SPC 911**

3300 SPC. Interviewing. (3-0-3) Keynotes for this course are practicality and usability. It includes the selection, organization and oral presentation of ideas and supporting materials in interview, conference, and interpersonal situations.

3400 SPC. Teaching Speech. (3-0-3) F. Study of problems, methods, and materials, in teaching oral communication; teaching and directing co-curricular activities. Thirty clock hours in pre-student teaching are required. Prerequisites: Educational Psychology 3325 and SED 3330; for ASEP, SED 3000 and 3100.

3500 SPC. Electronic Media Relations. (2-2-3) F, S. An exploration of the electronic media tools used by public relations professionals and communication strategies employed to establish credible relationships with the press. Prerequisites: SPC 2520 or permission of instructor.

3520 SPC. Radio Production. (1-4-3) Study of equipment and techniques involved in producing radio programs; announcing, scripting, writing and producing. Practical experience in a variety of production experiences. Prerequisite: SPC 2520. **MC 915**

3530 SPC. Film Communication. (3-2-4) On demand. Film as the expression of the performers, producers, directors, writers, and technicians. Critical discussion of film theory, history, and criticism.

3540 SPC. Video Production. (1-4-3) The study and practice of the production of video programs, including scripting, producing, and basic directing. Practical experience in a wide variety of production exercises. Prerequisite: SPC 2520 or permission of instructor. **MC 916**

3550 SPC. Advanced Broadcast Announcing. (1-4-3) A specialized course in handling all phases of commercial radio announcing. Copy preparation, re-writing, "fact-sheet" commercials, music introductions, narration, "voice-over," and editorial copy will be considered. Laboratory work will stress "on the air" experience with the campus radio station.

3610 SPC/JOU. Broadcast News Writing. (2-2-3) Emphasis will be placed upon fitting news copy and coverage to station requirements and audience needs in varying market situations. This course will include news gathering, analysis, editing, and rewriting of wire service copy for broadcasting. Prerequisite: SPC 2520 or JOU 2001 and JOU 2101 and JOU 3000.

3620 SPC/JOU. Electronic News Gathering. (2-2-3) A study of the electronic news gathering process, editing, presentation and evaluation for radio and television. Creation of special programs for WEIU. Prerequisites: SPC 2520 or JOU 2010; SPC 3540 and SPC 3610 or permission of instructor.

3650 (3630) SPC. Communication in Organizations. (3-0-3) S. A study of the impact of organizational structure on communication practices and processes. Examines issues relevant to the effective management of communication in organizations. Prerequisite: SPC 2650 or permission of instructor.

3660 SPC. Communication and Conflict Management. (3-0-3) F. The study of conflict from a communication perspective. Examines forces that generate conflict and the techniques that can be used to manage those forces. Prerequisite: SPC 2630 or permission of instructor.

3710 SPC. Intercultural Communication. (3-0-3) Overview of culture and communication on regional, national, and international levels. Examines ways in which cultures respond differently to business, education, and health care contexts. Explores how culture influences perceptions and communication, and provides guidelines for effective intercultural communication. Prerequisite: SPC 2630 or permission of instructor. **SPC 916**

3750 SPC. High Technology Communication. (3-0-3) S. The study of regulation, use and communication impact of new and advanced media technologies, such as cable TV, direct broadcast satellites, digital transmissions, and holographics. Prerequisite: SPC 2030 or INT 1363 or BUS 1950 or permission of instructor.

3900 SPC. Directing Forensic Activities. (3-0-3) F. Designed to prepare those entering the field of speech education on the secondary and college levels to direct an extracurricular forensics program. Prerequisites: SPC 2320 and 2040 or permission of instructor.

3903 SPC. The Rhetoric of Women. (3-0-3) F. Study of the issues relevant to the Women's Movement and the answers given by women through public communication. May be taken three times for credit.

3910 SPC/HST. Communication in Health Professions. (3-0-3) S. A study of the role communication plays in the health professions including an examination of the health professions and the application of speaking, listening, interpersonal, small group, organizational, and mass communication skills and concepts to health careers.

3920 SPC/JOU. Public Relations in Society. (3-0-3) F. A study of the impact public relations has in society with major emphasis on providing information to the media (publicity); establishing mutually beneficial relations (employee, consumer and community relations); and serving as the organization's conscience (counseling).

3953 SPC/JOU. Perspectives on Sports and the Media. (3-0-3) On demand. An examination of the impact sports and the mass media have had and are continuing to have on each other. Focus on the history of sportswriting and sportsbroadcasting and the state of these fields today. Prerequisites: ENG 1001G and ENG 1002G; JOU 2001 or SPC 2520 or permission of instructor.

3970 SPC. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 SPC. Independent Study. (Arr.-Arr.-3) Consideration of special problems in speech and speech education. Student presents individual study plan for researching history, theory, and/or practice of oral communication. Prerequisites: Permission of the chair and 2.75 grade-point average.

4030 SPC. Seminar. (3-0-3) Seminar in topics which are not covered in the course offerings of the Department of Speech Communication. More than one section in more than one topic possible each semester. May be repeated when topics vary, with up to six hours applied toward the major. Prerequisite: Permission of the chair or instructor.

4275 SPC. Internship. (Arr.-Arr.-1 to 12) (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. Prerequisites: 12 hours of SPC courses, permission of internship director, acceptance by firm, and a cumulative 2.75 G.P.A., or 3.0 within the major.

4375 SPC. Practicum (Arr.-Arr.-1 to 3) (Credit/No Credit) Students apply communication skills in a leadership and supervisory role. May be repeated for a total of up to 3 semester hours credit with a minimum of 40 contact hours for each semester hour of credit. Prerequisites: 12 hours of SPC courses, permission of instructor, permission of chair, 2.75 cumulative G.P.A. or cumulative 3.0 SPC G.P.A.

4420 SPC. Mass Media Advertising-Sales. (3-0-3) S. A study of theory, ethics, and legal implications of mass media advertising to include analysis of marketing problems and the role of advertising in their solution. Prerequisites: SPC 2650 or 2520 or permission of instructor.

4444 SPC. Honors Independent Study. (3-6) Consideration of special topics in speech communication. Student presents a prospectus for researching history, theory, and/or practice of oral communications. Prerequisites: Admission to the Departmental Honors Program and permission of Honors Coordinator.

4470 SPC. Small Group Communication. (3-0-3) S. An analysis of theoretical constructs in group dynamics, leadership, participation, and evaluation of group performance.

4500 SPC. Corporate and Non-broadcast Video. (2-2-3) S. Study and practice in the uses of video technology in a non-broadcast environment. Prerequisites: SPC 3540 or permission of instructor.

4540 SPC. Television Directing. (1-4-3) S. This course deals with the principles of preproduction planning, scripting, lighting, and audio and video mixing for studio and remote television productions as unified by the television director. Prerequisite: SPC 3540 or permission of instructor.

4555 SPC. Honors Research. (3-6) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites: Admission to the Departmental Honors Program and permission of Honors Coordinator.

4644 SPC. Honors Thesis. (3) Intensive research in preparation of a thesis on a topic in speech communication approved by a faculty supervisor and the Department Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of Honors Coordinator.

4650 SPC. Simulation in Organizational Communication. (3-0-3) F, S. Simulation in Organizational Communication offers students the unique opportunity to participate actively in their learning with a corporate simulation designed especially for communication students. Prerequisites: SPC 2650 and 3650 or permission of instructor.

4666 SPC. Honors Seminar. (3-6) Areas of investigation which require integration of speech communication concepts and research will be treated, e.g., effects of mass communication, criticism of speakers or media, evaluation of communication techniques. Prerequisites: Admission to the Departmental Honors Program and permission of Honors Coordinator.

4740 SPC. Theories of Human Communication. (3-0-3) F. An examination of contemporary theories and models.

Courses Open to Juniors, Seniors, and Graduate Students

These courses may not be applied toward a master's degree in Speech Communication.

4750 SPC. Advanced Theory of Mass Communication. (3-0-3) F. Survey of legal procedures of broadcast law, a survey of audience analysis, the structure of mass communications audiences, propaganda, communication networks, social and self-regulation of the media, and current research. Prerequisite: SPC 2520 or graduate standing or permission of instructor.

4765 SPC. Communication in Families. (3-0-3) On demand. An examination of communicative structure, function, and process among family members. The family system as a whole and major sub-systems (parent-child, siblings, spouses) are explored. Emphasis is on the role of communication in the construction,

maintenance, and change of family relationships throughout the family lifecycle.

4770 SPC. Television Criticism. (3-0-3) F. Students use a rhetorical base to analyze and evaluate television's critics and programs. Lectures, discussions, selected viewings, papers and examinations. Prerequisite: Senior Standing.

4800 SPC. Contemporary American Public Address. (3-0-3) F. Study of competing points of view on a series of critical issues of the Twentieth Century.

4830 SPC. Language Habits in Human Affairs. (3-0-3) S. Language and meaning are explored through a theoretical investigation. The consequences of spoken work habits for human affairs are specified through a review of speech communication research. Prerequisite: SPC 2630.

4860 SPC. Psychology of Speech. (3-0-3) S. Study of the nature, origin, and purposes of speech; basic psychological principles; the communicative process; group communication; personality and speech.

4910 SPC/HST. Applied Health Communication. (3-0-3) S. An examination of applied health communication in the interpersonal, organizational, and mediated contexts. Emphasis is on higher order application of skills from different occupational perspectives. Prerequisite: SPC/HST 3910 or permission of instructor.

4919 SPC/JOU. Public Relations Techniques. (3-0-3) Effective techniques of a public relations program including basic concepts and principles of the public relations profession, the roles and functions, planning, managing, and executing campaigns. Prerequisite: JOU 3302 and JOU 2901.

4920 SPC. Case Studies in Public Relations Problems. (3-0-3) S. Public relations case problems in industry, business, labor, education, government, social welfare and trade associations; the application of public relations techniques. Prerequisite: SPC 4919 or permission of instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

STUDENT LEADERSHIP

Undergraduate Course

3000 STL. Student Leadership. (2-0-2) S. (Credit/No Credit) Open to beginning, intermediate and advanced leaders. A seminar in student leadership with emphasis on the development of leadership skills and the administration of EIU.

STUDENT TEACHING

Undergraduate Courses

3000 STG. Preclinical Experience with Populations that are Culturally Diverse and Individuals with Disabilities. (1-2-1) (Credit/No Credit) This course will require students to observe in public school settings in which the populations served are culturally diverse and individuals with disabilities are served. Prerequisites: ELE/MLE 2000, ELE 2321 or SPE 3000. (Clinical fee required for this course.)

4000 STG. Multicultural/Disabilities Practicum. (Arr.-Arr.-1) (Credit/No Credit) Twenty-five clock hours of direct participation in observation relative to populations with disabilities and those who are multicultural. Site must be approved. Required of students pursuing teacher licensure, except students in Communication Disorders and Sciences and students in ASEP.

4001 STG. Student Teaching. (Arr.-Arr.-12, 14, 16) (Credit/No Credit) With the exception of Family and Consumer Sciences and Special Education majors, students complete 15 weeks of student teaching for 14 semester hours of credit. Family and Consumer Sciences majors complete 12 weeks of student teaching for 12 semester hours of credit. Special Education majors, Early Childhood Education majors, and Early Childhood Education majors with dual certification in Elementary Education complete 16 weeks of student teaching for 16 semester hours of credit. See your major department for specific requirements.

STUDY ABROAD

Undergraduate Courses

3970 EIU. Study Abroad. (Arr.-Arr.-1-15) This is not a course. This entry refers to study abroad courses offered by academic departments at EIU through the School of Adult and Continuing Education during either the fall or spring semester or the summer term. Credit varies, with 15 semester hours being the maximum credit that can be earned. For details and information about courses and programs currently available, consult the chairperson of the department of interest, the School of Adult and Continuing Education, or the Office of International Programs.

THEATRE ARTS

Undergraduate Courses

1133 THA. Performance of Literature I. (3-3-3) Study of basic oral interpretation techniques which develop sensitivity and responsiveness to literature, enabling the student to communicate in performance the recreation of this literary experience to an audience. **TA 916**

1134 THA. Voice and Movement I. (2-2-2) Intensive work in theatrical voice and movement designed for individuals enrolled in acting. Students will increase their ability to orient their body in space within structured and guided experiences that utilize the concepts of movement theorists such as Laban, Sweiward and Alexander. **TA 916**

1144 THA. Acting for Stage or Camera for Non-Majors. (3-3-3) F, S. Introduction to acting for the non-major; exercises in concentration, relaxation, imagination, observation, and sensory awareness; development of theatrical creativity through objectives, obstacles, action, conflict, and moment-to-moment spontaneity; culminates in the development of a scene for stage or camera.

2000 THA. Rehearsal, Performance, and Crew. (Arr.-Arr.-1-3) F, S. Activity credit for students who actually participate in building, crewing, directing, and/or performing in faculty-supervised Theatre Arts Department productions. Repeatable. A maximum of four credit hours in THA 2000 can be counted as hours for graduation.

2005 THA. Makeup for Stage and Camera. (2-2-2) F or S. Fundamentals in design and use of theatrical makeup for stage and camera. Laboratory projects. **TA 912**

2010G THA. Arts Omnibus. (2-2-3) F. An experiential overview of the performing and visual arts, their inter-relatedness, their importance to an enhanced quality of life. Outside viewing assignments required. Credit will not be awarded for Art 2010 or MUS 2010G in addition to Theatre 2010G. **F9 900**

2012G THA. Non-Western Theatre. (3-0-3) F, S. Theatre Arts from outside the European and North American traditions will be examined. Credit will not be awarded for Art 2012G or MUS 2012 in addition to Theatre 2012G.

2091 THA. Principles of the Fine Arts, Honors. (3-0-3) S. The interrelationships between the arts, their structures and techniques, and why they are put together the way they are. Credit will not be awarded for Art 2091 and MUS 2091 in addition to Theatre 2091. Prerequisite: Admission to the University Honors Program. **F9 900**

2092 THA. A History of the Arts in Culture, Honors. (3-0-3) Analysis of works of art in the Western world from the Greeks through the present. Credit will not be awarded for Art 2092 or MUS 2092 in addition to Theatre 2092. Prerequisite: Admission to the University Honors Program. **F9 900**

2140G THA. Introduction to the Theatre. (3-0-3) F, S. A general introduction to all aspects of theatre as a live performance and visual art. Outside viewing required. **F1 907**

2190G THA. Introduction to the Theatre, Honors. (3-0-3) F, S. A general introduction to all aspects of theatre as a live performance and visual art. Outside viewing required. Prerequisite: Admission to the University Honors Program. **F1 907**

2210 THA. Introduction to Costuming. (3-2-2) F or S. A general introduction to costuming for the theatre and film (camera), both theory and practice. Instruction and practical experience in costume construction techniques will be included. **TA 913**

2211 THA. Stagecraft for Stage and Camera. (3-3-3) F or S. The basic techniques required for the construction, painting, rigging, and shifting of scenery with emphasis on safety and on standard backstage and scene shop organization and procedures. The difference between stagecraft for theatre and TV/film will be detailed. **TA 911**

2220 THA. Theatre Seminar I. (1-1-1) F, As needed. An introductory seminar that focuses on the training and evaluation of the Theatre Arts major. This seminar is required of all new theatre majors, transfers, or current students changing their major to Theatre Arts.

2244 THA. Basic Acting. (3-3-3) F or S. Beginning acting; basic skills and concepts of acting. Exploration of the actor's internal (psychological-emotional) resources through exercises, theatre games, discussions, and performance projects. Open only to theatre majors and minors. **TA 914**

2257 THA. Graphics for Stage and Camera. (3-3-3) F or S. Concerned with the processes of drafting, perspective drawing and figure drawing as applicable to the areas of scenic design, lighting design and costume design for the theatre and film (camera). Prerequisite: THA 2110, THA 2211, or permission of the instructor.

2258 THA. Script Analysis. (3-0-3) F or S. Lecture and discussion course to acquaint students with several methods of approaching selected playscripts from different areas: costuming, acting, design, and directing. Students will analyze scripts, and then envision possible productions. Written and oral analyses required. **H3 902**

2281 THA. Summer Theatre. (Arr.-Arr.-3-6) Practical, comprehensive experiences in performance in theatre arts. May substitute for THA 1144 or 2244 with permission of the instructor and department chair. A maximum of nine semester hours total from THA 2281 and 4810 may be counted toward graduation. Contact Theatre Arts Department for details concerning auditions and interviews.

2282 THA. Summer Theatre. (Arr.-Arr.-3-6) Practical, comprehensive experiences in technical theatre. May substitute for THA 2210 and/or 2211 with permission of the instructor and department chair. A maximum of nine semester hours total from THA 2281 and 4810 may be counted toward graduation. Contact Theatre Arts Department for details concerning auditions and interviews.

3000 THA. Rehearsal, Performance, and Crew. (Arr.-Arr.-1-3) F, S. Activity credit for students who actually participate in building, crewing, directing, and/or performing in faculty-supervised Theatre Arts Department productions. Repeatable. A maximum of four credit hours in THA 3000 can be counted as hours for graduation. Prerequisite: THA 2000.

3220 THA. Theatre Seminar II. (1-1-1) S. As needed. An advanced seminar that focuses on final evaluation of the Theatre Arts majors in their third or fourth year. Prerequisites: THA 1133, 1134, 2210, 2211, 2220, 2244, 2257 and 2258 or with departmental permission.

3333 THA. Performance of Literature II. (3-3-3) F or S. As needed. Interpretation, adaptation, compilation and the directing of literature for performance in traditional and experimental styles. Introduction to the aesthetics of interpreters theatre. It is suggested that Teacher Certification majors and minors choose this as an alternative to THA 3445. However, if the course is chosen to satisfy the directing emphasis, it will not count as an advanced performance course. Prerequisites: THA 1133, 2258 or permission of the instructor.

3334 THA. Voice and Movement II. (2-2-2) F, S. A continuation of the work begun in Voice and Movement I with a focus on vocal production. Emphasis on developing an audible, resonant voice; clear diction; and a relaxed and properly aligned body, all in the context of acting/performance. Prerequisites: THA 1134 and junior standing or permission of instructor.

3344 THA. Advanced Acting Studies I: Scene & Character Study. (3-3-3) On demand. A course in contemporary realistic scene and character study for the actor, based on terminology and concepts developed by C. Stanislavski. Students will prepare written character biographies and scene analyses, then perform scenes or monologues focusing on the character's inner belief, motivation, and goals. Prerequisites: THA 1134, 1133, 2244, 2258, or permission of the instructor.

3345 THA. Advanced Acting Studies II: Styles. (3-3-3) On demand. This course is designed to prepare students for the demands of acting in film and television, non-realistic, period, or stylized productions. Styles may include auditioning, film studies or techniques (for camera), non-western forms, the Greeks, Shakespeare, Comedy of Manners, Brecht, and/or the Absurdist. Prerequisites: THA 1133, 1134, 2244, 2258, or permission of the instructor. (Course may be repeated 3 times, for a maximum of 12 hours credit.)

3346 THA. Advanced Acting Studies III: Dialects. (3-3-3) On demand. This is a course that teaches students how to acquire an authentic-sounding dialect and how to utilize it convincingly in acting. Dialects may include British, Cockney, Irish, American regional, or a selection of these. Prerequisites: THA 1133 or 1134; 1133, 2244, 2258, or permission of instructor.

3347 THA. Topics in Theatre Movement. (3-3-3) On demand. Topics in Theatre Movement introduces the student to various styles and skills of theatrical movement. Topic varies based on production needs within the department. Topics may include such subjects as Period Styles, Alexander Technique, Stage Combat, Musical Theatre, Improvisation, Mime, and Non-western styles. Course is repeatable for up to nine credit hours with permission of instructor. Prerequisite: Theatre 1134 or permission of the instructor.

3356 THA. Theatre Design Studies. (3-3-3) F or S. The designer's procedure from script analysis and concept to completed production drawings. Exploration of design in terms of aesthetics, genre, production modes, and historical periods and styles in one or more of the three theatrical design areas (costumes, lighting, scenery). Prerequisites: THA 2210, 2211, 2220, 2257, 2258 or permission of instructor.

3357 THA. Scene Design. (3-3-3) On demand. Consideration of the design sequence from analysis of the script to the composition of production drawings; practical experience. Prerequisite: THA 2257 or permission of the instructor.

3358 THA. Design and History of Costume. (3-3-3) On demand. History of costume from the early Egyptians to 1900. Costume design for theatrical production. Prerequisite: THA 2257 or permission of the instructor.

3360 THA. Stage Lighting. (3-3-3) On demand. Explores basic skills and techniques in lighting theatrical productions. Prerequisite: THA 2257 or permission of the instructor.

3361 THA. Theatre Production Topics. (3-3-3) On demand. A production/technical course for the Theatre Arts Major. The course will function as an in-depth approach to design or management aspects of theatre production. Topic varies based on production/student needs within the department. Prerequisites: THA 2005, 2210, 2211, 2257 and 2258 or permission of the instructor. As long as the topic is different, this course is repeatable up to nine credit hours.

3400 THA. Methods of Teaching Theatre in High/Middle School. (3-0-3) Spring/Alternate Years. This course will demonstrate to students seeking Teacher Certification in Theatre the means to incorporate Theatrical material into a High or Middle School Curriculum. The student will also develop and teach a unit in Theatre Arts. Prerequisites: THA 1133, 2210, 2211, 2244 and 2258.

3431 THA. Youth Theatre. (3-3-3) F, S. Introduces the student to the practical aspects of producing plays for young people. The focus of the course is on the development of a theatre piece which will then be presented to area students. Basic creative dramatics activities will be introduced.

3432 THA. Creative Dramatics for the Classroom Teacher. (3-0-3) On demand. For students interested in working with children either in teaching or in recreational programs; gives the student the necessary skills to become a confident and successful drama leader. Prerequisite: ENG 1002G.

3445 THA. Directing. (3-3-3) F. The study and actual production of the play. Central emphasis is placed on directing. Prerequisite: THA 2211, 2244, 2258 or permission of the instructor.

3500 THA. Independent Study. (3-3-3) Problems in theatre arts in which the student works under the supervision of a staff member. Prerequisite: Permission of the instructor and the department chairperson.

3751G THA. Theatre and Civilization I. (3-0-3) F. Effects of social, political, religious and aesthetic forces upon the development of the theatre during pivotal moments in civilization, from the prehistoric era to the 17th Century. Attention given to the development of theatre as an art form. Prerequisite: ENG 1001G and ENG 1002G.

3752G THA. Theatre and Civilization II. (3-0-3) F. This course will trace the evolution of the modern theatre beginning with the Restoration, moving through the Romantic movement, and ending with the emergence of the Modern Theatre at the end of the 19th and beginning of the 20th century. Students will examine the history, society and dramatic literature of the various movements. Prerequisite: ENG 1001G and ENG 1002G.

3753G THA. Development of American Theatre and Drama. (3-0-3) S. Major themes in American civilization as seen through the 18th-20th Century American plays. Attention given to development of theatre as an art form and as a social-cultural force in the U.S. Focus is on reading and analyzing dramatic texts. Prerequisite: ENG 1001G and ENG 1002G.

3754G THA. American Theatre on Film. (3-1-3) S. Analysis of significant American plays and film versions thereof. The object is to understand and appreciate similarities and differences between film and theatre as art and to gain insights into aspects of American society, as reflected in the works. Outside viewing assignments required. Prerequisites: ENG 1001G and ENG 1002G and sophomore-senior standing.

3755G THA. African-American Theatre. (3-0-3) S. This course will trace the roots of the African-American Theatre movement to African ritual, its transfer to the United States, and eventual evolution into a dynamic movement from 1960 to the present. Prerequisite: ENG 1001G and ENG 1002G.

3793G THA. Development of American Theatre and Drama, Honors. (3-0-3) On demand. Major themes and forces in American civilization as seen through the 18th-20th Century American plays. Attention given to development of theatre as an art form and as a social-cultural force in the U.S. Focus is on reading and analyzing dramatic texts. Prerequisites: Admission to the University Honors Program, ENG 1091G, and ENG 1092G.

3970 THA. Study Abroad. (Arr.-Arr.-1-15) See EIU 3970.

4000 THA. Rehearsal, Performance, and Crew. (Arr.-Arr.-1-3) F, S. Activity credit for students who actually participate in building, crewing, directing, and/or performing in faculty-supervised Theatre Arts Department productions. Repeatable. A maximum of four credit hours in THA 4000 can be counted as hours for graduation. Prerequisite: THA 3000.

4400 THA. Advanced Directing Studies. (3-3-3) As needed. Special problems in directing. Each student will be required to direct and produce a production for public performance. Prerequisites: THA 2211, 2244, 2257, and 3445. Repeatable once with permission for a maximum of six hours credit.

4550 THA. Advanced Design Studies. (3-3-3) As needed. Problems in theatrical design (scenic, lighting, costume) in which a student works and studies under the supervision of a faculty member to produce a design for a particular theatrical production of the Theatre Arts Department. Prerequisites: Permission of the instructor and the Department Chairperson plus completion of one design course. Repeatable up to two times, with permission, for a maximum of nine hours credit.

Courses Open to Juniors, Seniors, and Graduate Students

4810 THA. Summer Theatre. (Arr.-Arr.-3-6) Practical, comprehensive experiences in performance in theatre arts. May substitute, with permission of the instructor(s) and the departmental chair, for 3344, 3345, 3346, 3347, and/or 3431. A maximum of nine semester hours total from THA 2281 and 4810 may be counted toward graduation. Contact the Theatre Arts Department for details concerning auditions and interviews.

4811 THA. Summer Theatre. (Arr.-Arr.-3-6) Practical, comprehensive experiences in technical theatre. May substitute, with permission of the instructor(s) and the departmental chair, for 4550. A maximum of nine semester hours total from THA 2281 and 4810 may be counted toward graduation. Contact the Theatre Arts Department for details concerning auditions and interviews.

4812 THA. Summer Theatre. (Arr.-Arr.-3-6) Practical, comprehensive experiences in theatrical directing. May substitute, with permission of the instructor(s) and the departmental chair, for 4400. A maximum of nine semester hours total from THA 2281 and 4810 may be counted toward graduation. Contact the Theatre Arts Department for details concerning auditions and interviews.

4834 THA. Methods of Play Production in Middle and Secondary Schools. (2-3-3) SU. The course focuses on the special problems of play production in the public schools for non-theatre majors. Prerequisite: Graduate or senior standing or permission of the instructor.

UNIVERSITY FOUNDATIONS

Undergraduate Course

1111 EIU. University Foundations. (2-0-2) F. An inquiry into the academic expectations, resources, policies, and traditions of university life. Students are challenged to enhance their intellectual potential, understand their academic and moral responsibilities, and appreciate diversity in a framework that develops critical thinking, learning, and communication skills necessary to contribute successfully to the university's intellectual life. An experiential learning component engages students in the scholarly and co-curricular community. Prerequisite: First-year student standing (fewer than 30 semester hours of earned credit). This course may not be taken credit/no credit.

WOMEN'S STUDIES

Undergraduate Courses

2309G WST. Women, Men, and Culture. (3-0-3) F, S. Examines gender roles and development in a historical context from a variety of theoretical and disciplinary perspectives and within a variety of frameworks: political, economic, cultural, religious, and social.

3309 WST. Independent Study. (Arr.-Arr.-1 to 3) On demand. Intensive examination of the roles, contributions, perspectives, and/or experiences of women as designed by the student. Prerequisites: Satisfactory completion of nine semester hours in Women's Studies courses; permission of the Women's Studies Minor Coordinator

4000 WST. Special Topics. (Arr.-Arr.-1 to 3) On demand. Special topics related to Women's Studies which are not ordinarily treated in standard courses. Topics to be announced. Prerequisites: Permission of the Women's Studies Minor Coordinator and the faculty member teaching the course. May be taken twice with permission.

4275 WST. Internship. (Arr.-Arr.-1 to 12) On demand. (Credit/No Credit) On-the-job experience in a firm or organization that focuses on women's issues and/or experiences. An internship must be approved by the Women's Studies Minor Coordinator. A maximum of three credit hours may be counted in the Women's Studies Minor. Prerequisites: Permission of the Women's Studies Minor Coordinator, acceptance of student by firm or organization, and satisfactory completion of nine or more semester hours credit in Women's Studies courses.

4309 WST. Feminist Theory. (3-0-3) S. This course examines feminist theory and its application to cultural and academic issues. It provides an interdisciplinary approach to women's issues. Prerequisite: Nine semester hours in Women's Studies or permission of the Women's Studies Minor Coordinator. (For complete descriptions of additional courses applicable to the Women's Studies Minor, see the following:)

ART 3685 -- Women in Art. (3-0-3)

ECN 3873 -- Economics of Race and Gender. (3-0-3)

ENG 3903 -- Women, Literature, and Language. (3-0-3)

FCS 2831 -- Women in Contemporary Society. (3-0-3)

HST 3560 -- Women's Health. (3-0-3)

HIS 3900 -- Women in American History. (3-0-3)

JOU 3903 -- Women and the Media. (3-0-3)

PLS 3903 -- Gender and Public Policy. (3-0-3)

PSY 3720 -- Psychology of Gender Differences (3-0-3)

SOC 3903 -- Gender Roles and Social Change. (3-0-3)

SPC 3903 -- Rhetoric of Women. (3-0-3)

Senior Seminars

EIU 4108G -- The Changing World of Women. (3-0-3)

EIU 4162G -- Women's Voices: Women in the Theatre. (3-0-3)

ADMINISTRATIVE STAFF/FACULTY



Putting learning into practice.

Administrative Staff

(Date of joining staff in parentheses)

OFFICE OF THE PRESIDENT

President

Carol D. Surles, Ph.D., University of Michigan (1999)

INTERNAL AUDITING

Kathleen Moreno, B.A., Manchester College, Director (1998)

OFFICE OF CIVIL RIGHTS, AFFIRMATIVE ACTION & DIVERSITY

Cynthia D. Nichols, M.A., Eastern Illinois University, Director (1986)

UNIVERSITY COUNSEL

Joseph T. Barron, J.D., Suffolk University Law School, University Counsel (2000)

ACADEMIC AFFAIRS

Provost and Vice President For Academic Affairs

Lida Wall, Ph.D., The Ohio State University, Interim Provost and Vice President for Academic Affairs (1995)

Jeffrey F. Cross, M.A., Western Kentucky University, Associate Vice President for Academic Affairs (1998)

William V. Weber, Ph.D., University of Kansas, Acting Associate Vice President for Academic Affairs (1988)

Mary C. Herrington-Perry, Ph.D., Indiana University, Assistant Vice President for Academic Affairs (1982)

COLLEGE OF ARTS AND HUMANITIES

James K. Johnson, M.F.A., University of Kansas, Dean (1978)

Jeffrey Lynch, M.A., University of Dayton, Associate Dean (1976)

Jane Lasky, M.A., University of Illinois, Resource Professional (1973)

Kathryn Morice, M.A., Eastern Illinois University, Curator/Education/Exhibits, Tarble Arts Center (1993)

Charles Titus, M.A., Eastern Illinois University, Chairperson, Social Science Studies Committee (1972)

Michael Watts, M.F.A., University of Texas at Austin, Director, Tarble Arts Center (1986)

LUMPKIN COLLEGE OF BUSINESS AND APPLIED SCIENCES

Martha S. Brown, Ph.D., Florida State University, Acting Dean (1979)

Kathleen A. Bennett, B.S. Ed., Eastern Illinois University, Assistant to Dean (1974)

Jacqueline Joines, M.S., Eastern Illinois University, Development Officer (1998)

Lisa Dallas, M.S., Eastern Illinois University, Assistant to the Dean for Academic Computing (1998)

Marilyn K. DeRuiter, M.S., Southern Illinois University, Director, Business and Technology Institute (1994)

Wanda L. Johnson, M.S., Arkansas State University, Academic Advisor (1979) (Part-time)

Betsy Miller, M.S., Eastern Illinois University, Academic Advisor, School of Technology (1995)

Rose Myers-Bradley, M.S., Eastern Illinois University, Academic Advisor (1996)

Toni Smith, M.B.A., Eastern Illinois University, Director, Administration (1987)

Renee Stroud, M.B.A., Eastern Illinois University, Admissions Officer and Internship Coordinator (1999)

Cheryl Noll, Ph.D., Ohio State University, Coordinator, Graduate Studies in Business (2000)

Military Science Program (ROTC)

Lt. Col. Laurence J. Sefren, M.A., Arkansas State University, Professor of Military Science (1999)

COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES

Elizabeth Hitch, Ph.D., University of Michigan, Dean (1995)

Douglas J. Bower, Ph.D., University of Illinois, Associate Dean (1988)

Bonnie Wilson, B.S., Eastern Illinois University, Assistant to the Dean (1999)

Gary Grissom, M. of Tech., Eastern Illinois University, Assistant to the Dean for Academic Computing (1999)

John L. Coffey, M.A., Ball State University, Advisor (1986)

Mary Bower, C.P.A., B.A., Eastern Illinois University, Assistant to the Dean for Grants and Contracts (2000)

Brian D. Reid, Ph.D., University of Connecticut, Director of School/University Partnerships (1997)

COLLEGE OF SCIENCES

Mary Anne Hanner, Ph.D., Indiana State University, Acting Dean (1981)

Godson Obia, Ph.D., University of Oklahoma, Acting Associate Dean (1994)

Barbara S. Kuykendall, M.A., Eastern Illinois University, Assistant to the Dean (1987)

Kristi Cobble, M.S., Eastern Illinois University, Assistant to the Dean (1990)

Charles E. Miller, M.S., Eastern Illinois University, Assistant to the Dean for Academic Computing (1967)

Jane Lasky, M.A., University of Illinois, Resource Professional (1973)

GRADUATE SCHOOL, RESEARCH

& INTERNATIONAL PROGRAMS
Robert M. Augustine, Ph.D., Southern Illinois University, Dean (1978)

Edwin L. May, M.A., Adams State College, Director, Research and Grants (1978)

HONORS PROGRAM

Herbert Lasky, Ph.D., New York University, Director, (1966)

Margaret Knapp Messer, Ed.S., Eastern Illinois University, Academic Advisor (1977)

Judith Sunderman, M.B.A., Eastern Illinois University, Academic Advisor (1988)

LIBRARY SERVICES

Allen Lanham, Ph.D., Eastman School of Music, Dean (1991)

Linda Spangler, B.A., Eastern Illinois University, Assistant to the Dean for Academic Computing (1999)

Audio-Visual Center

William Gibbs, Ph.D., Pennsylvania State University, Assistant Director of Media Services (1993)

MINORITY AFFAIRS

Johnetta Jones, M.A., Southern Illinois University, Director (1977)

Claudia Lane, M.S. Ed., Eastern Illinois University, Academic Advisor (1995)

SCHOOL OF ADULT AND CONTINUING EDUCATION

William C. Hine, Ed.D., Indiana University, Dean (1986)

Pamela Collins, M.S., Eastern Illinois University, Director, Credit-Free Programs (1994)

Board of Trustees Degree Program
L. Kaye Woodward, Ed.D., University of Arkansas, Director (1986)

Faculty Development
Director, Vacant

STUDENT PUBLICATIONS

Betsy Jewell, M.B.A., Eastern Illinois University, Business Advisor (1999)
John D. Reed, Ph.D., Southern Illinois University, Coordinator (1972)

CENTER FOR ACADEMIC SUPPORT & ACHIEVEMENT

Karla Sanders, Ph.D., Pennsylvania State University, Director (2000)
Wendy Long, M.B.A., Eastern Illinois University, Assistant to the Director for Technology Support (1987)

Academic Advising, Learning Assistance Center, and Disability Services

Mary Kelm, M.A., Concordia University, Director (1995)
Deborah Barker, M.S. Ed., Eastern Illinois University, Advisor (1993)
Kari Dailey, M.S. Ed., Eastern Illinois University Advisor (1998)
Lora L. Green, M.S. Ed., Eastern Illinois University, Advisor (1989)
Deborah Hershberger-Kidwell, M.S. Ed., Illinois State University, Advisor (1998)
Norman R. Isacson, M.S. Ed., Eastern Illinois University, Advisor (1991)
L. Fraun Lewis, M.S. Ed., Eastern Illinois University, Advisor (1982)
Jennifer Lewis, M.S. Ed., Eastern Illinois University, Advisor (1997)
Julie Sterling, M.S. Ed., Eastern Illinois University, Advisor (1981)
Esther Witsman, M.S., Eastern Illinois University, Academic Advisor (1995)

Disability Services

Kathy Waggoner, M.S., Eastern Illinois University, Assistant Director (1999)

Learning Assistance Center

Mark May, M.A., Ohio University, Assistant Director (1998)

Academic Assessment and Testing

Debra Hopgood, M.S. Ed., Eastern Illinois University, Assistant Director (1997)

BUSINESS AFFAIRS

Vice President for Business Affairs
Jeff Cooley, C.P.A., B.S., Eastern Illinois University, Acting Vice President for Business Affairs (1983)

BUDGET

Kimberly A. Furumo, M.B.A., University of Akron, Director (1989)

BUSINESS SERVICES AND TREASURER

Monty R. Bennett, B.S., Eastern Illinois University, Director of Purchases (1987)
Larry Cannon, B.S., Northern Illinois University, Director of Accounting and Finance (1997)
Harriet Rose, M.A., Sangamon State University, Assistant Director of Administrative Services (1985)

EMPLOYMENT AND LABOR RELATIONS

Robert Wayland, Ph.D., University of North Texas, Director (1991)
Lloyd Leonard, M.A., Sangamon State University, Assistant Director (1992)

FACILITIES PLANNING AND MANAGEMENT

Director - vacant

HUMAN RESOURCES

Charles Phillips, M.P.A., University of Michigan, Director (1997)
Todd R. Bacon, B.S., Eastern Illinois University, Assistant Director of Payroll/Benefits (1999)

INFORMATION TECHNOLOGY SERVICES

Associate Vice President - vacant
Susan Ames, B.S., Eastern Illinois University, Assistant Director, Campus Card (1999)
John G. Henderson, M.L.S., University of Maine, Director of User Services (1998)
Clay Hopkins, B.S., Eastern Illinois University, Director of Telecommunications (1995)
Wilburn Hutson, Director of University Print Center (1972)
Kathy S. Reed, M.B.A., Eastern Illinois University, Assistant Director, Information Systems Services (1985)
William M. Witsman, M.A., Eastern Illinois University, Director, Information Systems Services (1977)

EXTERNAL RELATIONS

Vice President for External Relations
Jill F. Nilsen, Ph.D., University of Illinois, Acting Vice President for External Relations (1976)

DEVELOPMENT

Director, Major Gifts/Planned Giving - Vacant
Director, Annual Fund - Vacant

MEDIA RELATIONS AND PUBLICATIONS

Shelly L. Flock, M.S. Ed., Eastern Illinois University, Director (1987)

PLANNING & INSTITUTIONAL STUDIES

Julia A. Abell, M.S. Ed., Eastern Illinois University, Director (1978)
Amy L. Edwards, M.B.A., Eastern Illinois University, Assistant Director (1994)

RADIO-TV CENTER

Director - vacant
Kelley Daniels, B.A., University of Missouri-Columbia, News Director (1998)
Karla J. Evans, M.B.A., Eastern Illinois University, Acting Director, Development & Marketing (1989)
James C. Jones, B.A., Slippery Rock State College, Acting Television Station Manager (1997)

SPECIAL EVENTS AND COMMENCEMENT

Mark L. Haines, B.A., Eastern Illinois University, Director (1983)

STUDENT AFFAIRS

Vice President for Student Affairs
Louis V. Hencken, M.S. Ed., Eastern Illinois University (1967)
Shirley A. Stewart, M.S. Ed., Eastern Illinois University, Associate Vice President (1988)

ADMISSIONS

Dale W. Wolf, M.S.E., Illinois State University, Director (1985)
Susan W. Ambrose, M.S., Eastern Illinois University, Assistant Director (1985)
Shelly K. Friesz, B.A., University of Illinois, Admissions Counselor (1999)
Michelle Gaddini, B.A., Eastern Illinois University, Admissions Counselor (1997)
Ralph P. Gardner, M.S. Ed., Eastern Illinois University, Admissions Counselor (1999)

Larry J. Larvick, Ed.D., Loyola

University of Chicago, Part-time
Admissions Counselor (2001)

Denise A. Lee, M.S. Ed., Eastern
Illinois University, Admissions
Counselor (1999)

Zelda Johnson, B.A., Eastern Illinois
University, Admissions Counselor
(1999)

Anton Manuel, B.A., Eastern Illinois
University, Admissions Counselor
(1998)

Kathleen M. McSherry, B.S., Central
Michigan University, Assistant Director
of Admission (1988)

Rita I. Pearson, M.A., Eastern Illinois
University, Assistant Director of
Admissions (1990)

Darcie R. Smith, B.A., Eastern Illinois
University, Admissions Counselor
(2000)

ALUMNI SERVICES

Steven W. Rich, B.S., Southern Illinois
University, Director (1994)

Sarah Drury, M.A., University of
Colorado-Boulder, Assistant Director
(1999)

Jennifer Polkow, M.S. Ed., Eastern
Illinois University, Assistant Director
(2000)

ATHLETICS

Richard A. McDuffie, Ed.D., University
of North Carolina-Greensboro, Director
(1997)

Roger L. Jehlicka, Ph.D., University of
New Mexico, Associate Director (1999)

David Kidwell, B.S., Eastern Illinois
University, Assistant Director of
Athletics for Sports Information and
Marketing (1972)

Patrick Osterman, B.A., University of
Northern Iowa, Program Assistant in
Sports Information and Marketing
(1997)

Deborah Polca, M.E.D., Ohio
University, Senior Associate Director of
Athletics (1995)

Elizabeth Ralston, M.S., University of
Wisconsin-Oshkosh, Director of
Compliance (1983)

John Smith, B.S., University of
Wisconsin - Madison, Assistant Athletic
Director for Development (1987)

CAMPUS RECREATION

Kenneth J. Baker, M.S., Eastern
Illinois University, Director (1994)

Kevin S. Linker, M.S., Southern Illinois
University - Carbondale, Program
Director (1994)

CAREER SERVICES

Shirley A. Stewart, M.S. Ed., Eastern
Illinois University, Associate Vice
President for Student Affairs and
Director, Career Services (1988)

Rosalyn Gresens, M.S., Eastern
Illinois University, Associate Director,
Career Services (1995)

COUNSELING CENTER

David Onestak, Ph.D., University of
South Carolina, Director, Counseling
Center (1997)

Karola Alford, Ph.D., University of
Illinois, Counselor (1992)

Linda Anderson, M.S., Eastern Illinois
University, Counselor (1993)

Sandra K. Cox, M.S., Eastern Illinois
University, Assistant Director (1997)

Quinton "Bud" Edwards, Ph.D.,
University of Missouri-Columbia,
Counselor (2000)

Tina Leonard, M.S., Eastern Illinois
University, Counselor (1993)

ENROLLMENT MANAGEMENT

Frank Hohengarten, Ed.D., University
of Tulsa, Dean (1992)

FINANCIAL AID

Jone Zieren, M.S. Ed., Eastern Illinois
University, Director (1984)

Norm Bedford, B.S., Ohio State
University, Associate Director (2000)

Elmer Pullen, M.S., Eastern Illinois
University, Counselor (1970)

HEALTH SERVICES

Lynette F. Drake, M.S., Eastern Illinois
University, Director (1985)

Sheila D. Baker, M.D., Indiana
University School of Medicine, Health
Service Physician (1999)

Eric S. Davidson, M.S., Eastern Illinois
University, Assistant Director for Health
Education and Promotion (1998)

James R. Esgar, R.Ph., M.D.,
University of Illinois, Health Service
Physician (1997)

Richard H. Larson, M.D., University of
Cincinnati, Health Service Physician
(1985)

Charles E. Ramsey, M.D., University
of Illinois, Health Service Physician
(1989)

Joseph D. Wall, M.D., University of
Illinois, Medical Director (1986)

ORIENTATION

Kimberlie A. Moock, M.A., Chapman
University, Director of Orientation
(2001)

RECORDS AND REGISTRATION

Molly J. Evans, B.A., Eastern Illinois
University, Assistant Director of
Registration (1972)

G. Sue Harvey, M.S. Ed., Eastern
Illinois University, Director, Academic
Records (1977)

Glenda K. Phipps, M.S. Ed., Eastern
Illinois University, Assistant Director of
Records (1992)

STUDENT JUDICIAL OFFICER

Keith Kohanzo, M.S. Ed., Eastern
Illinois University, Assistant and
Student Judicial Hearing Officer (1971)

STUDENT LEGAL SERVICES

William S. Davis, J.D., University of
Illinois, Coordinator (1980)

STUDENT LIFE

Cecilia A. Brinker, M.S. Ed., Eastern
Illinois University, Director (1985)

Robert P. Dudolski, M.S., Eastern
Illinois University, Acting Director,
Greek Life, and Resident Director,
Greek Court (1999)

TEXTBOOK RENTAL SERVICE

Walter Klingenberg, B.S., Ohio
University, Director (1992)

UNIVERSITY HOUSING AND DINING SERVICES

**Director University Housing and
Dining Services - Vacant**

Mark I. Shaklee, M.S. Ed., University
of Missouri - Columbia, Associate
Director (1978)

Jody R. Horn, M.S., Eastern Illinois
University, Director, University Dining
Services (1990)

Dara Miller, Acting Associate Director
of Dining Services (1998)

Kelly P. Miller, M.B.A., Eastern Illinois
University, Assistant Director (1991)

Jody Stone, M.S., Eastern Illinois
University, Assistant Director (1995)

Area Coordinator

Robert Wilczynski, M.Ed., University
of Illinois (1994)

Assistant Food Services Directors

Sheila D. Epperson (1989)

Susan D. Gobert (1990)

Glenn Greer, B.A., Eastern Illinois
University (2000)

Anne M. Harkins (1997)

James Paszalek, B.S., Eastern Illinois
University (2000)

Residence Directors

Karl Aldrich, M.S., Eastern Illinois University (2000)
Matthew S. Boyer, M.S. Ed., Eastern Illinois University, (1999)
Chad Franks, M.A., Eastern Illinois University, (1999)
Judy Griffin, M.A., Xavier University (1999)
Stuart Kaeding, M.S., Eastern Illinois University, (2000)
William J. Kolacek, M.S., Indiana State University (2000)
Doris A. Hamilton, B.S.Ed., Eastern Illinois University (1990)
Amy S. Price, M.S. Ed., Eastern Illinois University (1999)
Secrett Stone, M.S., Eastern Illinois University (1998)
Stacy Vatne, M.A., Michigan State University, Residence Hall Director (1999)
Rebecca L. White, M. Ed., Frostburg State University (2000)

UNIVERSITY POLICE DEPARTMENT

Thomas D. Larson, M.A., Eastern Illinois University, Chief Public Safety Officer (1983)
Barbara Hilke, M.S., University of Oregon, Director, Night Assistance Program (1979)

UNIVERSITY UNION

Shirley A. Stewart, M.S. Ed., Eastern Illinois University, Associate Vice President for Student Affairs (1988)

INSTRUCTIONAL STAFF

*Denotes Distinguished Faculty

*Denotes department chairperson

**Denotes acting department chairperson

A

Teshome Abebe, Ph.D., Northern Illinois University, Professor, Economics (1998)
Olga Abella, Ph.D., State University of New York, Professor, English (1989)
William E. Addison, Ph.D., Miami University, Professor, Psychology** (1987)
Phillip D. Age, Ed.D., Illinois State University, Assistant Professor, School of Technology (2000)
Karola Alford, Ph.D., University of Illinois, Associate Professor, Counseling and Student Development (1985)

William R. Allen, Ph.D., University of Wisconsin, Associate Professor, School of Business (1989)
John B. Allison, Ph.D., University of Chicago, Professor, English (1988)
Carlos C. Amaya, Ph.D., Indiana University, Assistant Professor, Foreign Languages (2000)
Keith Andrew, Ph.D., University of Arkansas, Professor, Physics* (1987)
Peter Andrews, Ph.D., University of Maryland, Professor, Mathematics (1992)
Larry J. Ankenbrand, Ed.D., University of Missouri, Professor, Physical Education (1977)
David P. Arseneau, M.B.A., Northern Illinois University, Instructor, School of Business (1983)
Sirus Aryainejad, Ph.D., Indiana University, Associate Professor, Physics (1986)
Jeff Ashley, Ph.D., Northern Arizona University, Assistant Professor, Political Sciences (2001)
Jack R. Ashmore, M.A., Eastern Illinois University, Instructor, Speech Communication (1992)
Robert M. Augustine, Ph.D., Southern Illinois University, Dean, Graduate School (1978)
Gary E. Aylesworth, Ph.D., State University of New York at Stony Brook, Professor, Philosophy* (1989)

B

Alan Baharlou, Ph.D., University of Tulsa, Professor, Geology/Geography* (1980)
William T. Bailey, Ph.D., Tulane University, Assistant Professor, Psychology (1988)
Kenneth Baker, M.S., Eastern Illinois University, Director, Campus Recreation (1994)
Judith A. Barbour, Ph.D., University of Illinois, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1997)
Judith Barford, M.S. Ed., Eastern Illinois University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1993)
David M Barker, Ph.D., University of Illinois, Assistant Professor, Secondary Education and Foundations (1999)
Terry Barnhart, Ph.D., Miami University, Associate Professor, History (1994)
Lilian A. Barria, Ph.D., University of Missouri – Columbia, Assistant Professor, Political Science (2000)
Richard J. Barta, Ed.S., University of Kansas, Professor, Music (1978)

Katherine L. Bartel, M.F.A., Southern Illinois University, Associate Professor, Art (1989)
David E. Bartz, Ed.D., Western Michigan University, Professor, Educational Administration (1978)
Patricia Bateman, D.Ed., Pennsylvania State University, Professor, Family and Consumer Sciences (1976)
Lawrence N. Bates, Ph.D., University of Texas, Associate Professor, Economics (1970)
Robert P. Bates, Ph.D., Southern Illinois University, Professor, Health Studies* (1988)
Susan Bazargan, Ph.D., University of Washington, Professor, English (1985)
Ann Beabout, M.A., Eastern Illinois University, Instructor, Speech Communication (1984)
John L. Beabout, M.A., Ohio University, Assistant Professor, Radio and TV/Speech Communication (1981)
Brian Beakley, Ph.D., State University of New York at Stony Brook, Associate Professor, Philosophy (1990)
Sandra J. Beauchamp, M.A., Eastern Illinois University, Instructor, English as a Second Language (1997)
Roger B. Beck, Ph.D., Indiana University, Professor, History (1987)
Randall Beebe, Ph.D., Penn State University, Associate Professor, English (1994)
David Bell, M.L.I.S., University of Illinois, Assistant Professor, Library Services (1999)
Debra Belleau, B.S. Eastern Illinois University, Instructor, Special Education (1995)
Patricia K. Belleville, Ed.D, University of Illinois, Assistant Professor, Art (1996)
William Reed Benedict, Ph.D., Kansas State University, Associate Professor, Sociology (1994)
Dorothy Bennett, Instructor, Art (1998)
John K. Bennett, M.A., Eastern Illinois University, Instructor, Mathematics (1982)
Robert H. Bennett, Ph.D., Auburn University, Assistant Professor, Psychology (1999)
Richard Berg, Ed. D., Indiana State University, Instructor, Education Administration, (1995)
Rachelle Bergmann, Ph.D., University of California, Associate Professor, Physics (1989)
Ronan S. Bernas, Ph.D., University of Chicago, Associate Professor, Psychology (1994)
Lucinda Berry, M.A., Indiana University, Instructor, English (1995)

B. Christine Best, M.S.W., University of Illinois, Instructor, Sociology/Anthropology (1988) (Part-time)

John B. Best, Ph.D., University of Cincinnati, Professor, Psychology (1979)

Terri J. Biggs, M.S., Eastern Illinois University, Instructor, Health Studies (1987) (Part-time)

Joyce C. Bishop, Ph.D., Illinois State University, Assistant Professor, Mathematics (1996)

Judith D. Black, M.S., Eastern Illinois University, Assistant Professor, Physical Education (1990)

T. Howard Black, Ph.D., Northwestern University, Professor, Chemistry (1985)

Clarence Blanchette, M.A., University of Iowa, Professor, Theatre Arts (1973)

Jonathan P. Blitz, Ph.D., Colorado State University, Associate Professor, Chemistry (1994)

Douglas G. Bock, Ph.D., Southern Illinois University, Professor, Speech Communication (1982)

Tom F. Boldrey, Ed.D., University of Northern Colorado, Professor, Technology (1987)

Debra Bolgla, M.F.A., University of Illinois, Instructor, Art (1999)

Eric K. Bollinger, Ph.D., Cornell University, Professor, Biological Sciences (1990)

Waldo L. Born, Ph.D., University of Texas, Associate Professor, School of Business (1988)

Mark G. Borzi, Ph.D., Bowling Green State University, Professor, Speech Communication (1994)

Jeffrey G. Boshart, M.F.A., University of Massachusetts, Professor, Art (1988)

Parley A. Boswell, Ph.D., Loyola University, Professor, English (1987)

Kathleen Bower, Ph.D., University of New Mexico, Assistant Professor, Geology/Geography (1998)

Michael G. Bradd, M.A., Eastern Illinois University, Professor, Speech Communication (1990)

Brian Bradshaw, M.S., Eastern Illinois University, Instructor, Counseling and Student Development (1995)

Olinda Braga de Souza, M.A., University of Illinois, Instructor, Foreign Languages (1992)

Douglas E. Brandt, Ph.D., University of Hawaii, Professor, Physics (1987)

Edward Brankey, J.D., Southern Illinois University, Professor, School of Business (1980)

Suzan G. Braun, M.F.A., Southern Illinois University, Professor, Art (1970)

Hugh E. Brazil, Ph.D., University of Georgia, Associate Professor, Political Science (1982)

Judith Briggs, M.S., Northern Illinois University, Instructor, Student Teaching (1998)

Caridad F. Brito, Ph.D., University of Iowa, Assistant Professor, Psychology (1996)

Nancy Britton, M.A., Central Michigan University, Instructor, English (1996)

Teresa Britton, Ph.D., University of Wisconsin-Madison, Assistant Professor, Philosophy (1998)

Noel Brodsky, Ph.D., University of Illinois, Associate Professor, Economics (1988)

Amy Broemmel, Ph.D., Southern Illinois University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1999)

Duane M. Broline, Ph.D., University of Wisconsin, Professor, Mathematics (1986)

Dennis Broniecki, Ed.D., Vanderbilt University, Instructor, Student Teaching, (1999)

Lisa Brooks, M.S., Eastern Illinois University, Instructor, Family and Consumer Sciences (2000)

Robert Brooks, Ph.D., Louisiana State University, Instructor, Theatre Arts (1998)

Rita Brotherton, Ed.S., Indiana University, Instructor, Student Teaching (1998) (Part-time)

Judith L. Brown, M.A., Eastern Illinois University, Instructor, Family and Consumer Sciences (1985)

Martha S. Brown, Ph.D., Florida State University, Associate Professor, Family and Consumer Sciences (1979)

Ann E. Brownson, M.A., University of Iowa, Assistant Professor, Library (1998)

James Bruehler, Ph.D., University of Illinois, Associate Professor, Economics (1993)

Rosemary Buck, Ph.D., Northwestern University, Associate Professor, English (1994)

Kathryn M. Bulver, Ph.D., University of Wisconsin, Associate Professor, Foreign Languages (1990)

Melanie Burns, Ph.D., University of Illinois, Assistant Professor, Family and Consumer Sciences (1994)

James L. Bush, E.D.S., Western Illinois University, Instructor, Student Teaching (1998)

Matthew Butterfield, Ph.D., University of Pennsylvania, Instructor, Music (2000)

Louis C. Butler, Ph.D., Southern Illinois University, Professor, Technology (1984)

Mahmood H. Butt, Ph.D., Indiana University, Professor, Secondary Education and Foundations* (1992)

Lou Bryant, Instructor, Counseling and Student Development

C

Lynn Calvert, M.A., Southeast Missouri State University, Associate Professor, Communication Disorders and Sciences (1992)

Lucy A. Campanis, Ph.D., Pennsylvania State University, Associate Professor, Family and Consumer Sciences (1986)

Julie D. Campbell, Ph.D., Texas A & M, Assistant Professor, English (1998)

Stephen A. Canfield, Ph.D., University of Illinois, Associate Professor, Foreign Languages* (1992)

Gary Canivez, Ph.D., Southern Illinois University - Carbondale, Associate Professor, Psychology (1995)

K. Janelle Carey, M.A., Eastern Illinois University, Instructor, English (1981)

Nanette M. Carli, Ed.D., Illinois State University, Associate Professor, Art (1991)

David Carpenter, Ph.D., University of Oregon, Professor, English (1986)

Janet Carpenter, M.S. Ed., Eastern Illinois University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1995)

David H. Carwell, Ph.D., University of Kentucky, Assistant Professor, Political Science (1990)

Richard Cavanaugh, M.S., University of Illinois, Instructor, Health Studies (1982) (Part-time)

T. Christine Chambers, M.S., Eastern Illinois University, Instructor, Communication Disorders and Sciences (1993) (Part-time)

Dell P. Champlin, Ph.D., University of Utah, Associate Professor, Economics (1995)

E. Wayne Chandler, D.B.A., Arizona State University, Professor, School of Business (1983)

Yung Ping Chen, Ph.D., University of Maryland, Professor, Political Science (1966)

Craig A. Chesner, Ph.D., Michigan Technological University, Professor, Geology/Geography (1989)

Robert W. Chesnut, Ph.D., Purdue University, Assistant Professor, Chemistry (1997)

Ruth Chesnut, Ph.D., Purdue University, Instructor, Biological Sciences (1997)

Ingyu Chiou, Ph.D., New York University, Assistant Professor, School of Business (2000)

Mark Christliff, Ph.D., University of Maryland, Professor, English (1981)

Michael Chron, M.A., Eastern Illinois University, Instructor, Speech Communication (1988)

Michael E. Church, M.A., Northeast Missouri State University, Associate Professor, Physical Education (1984)

Phoebe Church, Ph.D., Indiana State University, Professor, Physical Education* (1979)

Denise C. Clark, M.A., Eastern Illinois University, Instructor, English (1983)

Penelope Clay, M.A., Washington University, Instructor, Foreign Languages (1993)

Luis Clay-Mendez, Ph.D., Washington University, Professor, Foreign Languages (1980)

Stephen M. Cloud, M.A., Eastern Illinois University, Instructor, English (1991)

Linda S. Coleman, Ph.D., University of Wisconsin-Milwaukee, Professor, English (1987)

Marilyn J. Coles, D.M.A., University of Illinois, Professor, Music (1988)

Jonell A. Comerford, Ph.D., University of Illinois, Professor, Mathematics (1988)

Leo P. Comerford, Jr., Ph.D., University of Illinois, Professor, Mathematics (1988)

Steven Conn, Ph.D., Southern Illinois University - Carbondale, Assistant Professor, Counseling and Student Development (1998)

James Conwell, Ph.D., University of Nebraska, Professor, Physics (1985)

Rebecca J. Cook, Ph.D., University of Illinois, Associate Professor, Special Education (1990)

Janice K. Coons, Ph.D., University of Wisconsin, Professor, Biological Sciences (1989)

Carolyn S. Cooper, Ph.D., University of Kansas, Professor, Special Education (1987)

Carole Corder, M.S., Eastern Illinois University, Instructor, Family and Consumer Sciences (2000)

Edward M. Corley, Ph.D., Oklahoma State University, Professor, Economics (1967)

Michael W. Cornebise, M.A., Louisiana State University, Instructor, Geology/Geography (2000)

Janet Cosbey, Ph.D., University of Akron, Associate Professor, Sociology (1995)

Charles J. Costa, Ph.D., University of Maryland, Associate Professor, Biological Sciences (1987)

Patrick R. Coulton, Ph.D., University of Notre Dame, Professor, Mathematics (1983)

Nancy Coutant, M.S., Eastern Illinois University, Instructor, Biological Sciences (1992)

Sandra Cox, M.S. Ed., Eastern Illinois University, Instructor, Counseling Center (1997)

John M. Craft, M.S., Eastern Illinois University, Associate Professor, Physical Education (1970)

Donald P. Crawford, M.A., Illinois Teacher's College, Instructor, English (1993)

Scott A.G.M. Crawford, Ph.D., University of Queensland, Australia, Professor, Physical Education (1989)

Phyllis T. Croisant, Ph.D., University of Illinois, Professor, Physical Education (1984)

Richard K. Crome, M.S. Ed., Eastern Illinois University, Associate Professor, Foreign Languages (1987)

Timothy W. Croy, M.S. Ed., Eastern Illinois University, Assistant Professor, Early Childhood, Elementary and Middle Level Education (1997)

Lori L. Cudone, D.C., National College of Chiropractic, Instructor, Biological Sciences (1998)

Earl S. Cummings, Ph.D., Indiana University, Assistant Professor, Secondary Education and Foundations (1992)

Lynne E. Curry, Ph.D., University of Illinois, Assistant Professor, History (1994)

Vicki Curts, M.A., Indiana State University, Instructor, English (1995)

D

Steven Lee Daniel, Ph.D., Iowa State University, Associate Professor, Biological Sciences (1997)

Jerry L. Daniels, M.M., Drake University, Professor, Music (1982)

Steven W. Daniels, Ph.D., University of Maryland, Professor, Physics (1991)

Minh Quang Dao, Ph.D., University of Illinois, Professor, Economics (1987)

A. Douglas Davis, Ph.D., University of California, Los Angeles, Professor, Physics (1970)

Henry H. Davis, Ph.D., University of North Carolina, Associate Professor, School of Business (1991)

Howard Allen Davis, Jr., Ph.D., University of Wisconsin, Professor, Mathematics (1987)

Judy Davis, M.S. Ed., Eastern Illinois University, Instructor, Chemistry (1993)

Carol A. Deakyne, Ph.D., Princeton University, Professor, Chemistry (1990)

Carl W. Dell, Ph.D., Bowling Green State University, Associate Professor, Communication Disorders and Sciences (1985)

Charles I. Delman, Ph.D., Cornell University, Associate Professor, Mathematics (1994)

Marietta L. Deming, Ph.D., University of Toledo, Professor, Health Studies (1987)

Jonelle M. DePetro, Ph.D., University of Arizona, Associate Professor, Philosophy (1992)

Robert Desrochers, M.A., John Hopkins University, Assistant Professor, History (1999)

Roma P. Dey, B.S., Calcutta University, Instructor, Mathematics (1997)

Suhrit K. Dey, Ph.D., Mississippi State University, Professor, Mathematics (1970)

Douglas DiBianco, Ph.D., University of Illinois, Professor, Music (1977)

Julie C. Dietz, Ph.D., University of Illinois, Associate Professor, Health Studies (1992)

Jean K. Dilworth, M.F.A., Western Illinois University, Professor, Family and Consumer Sciences (1988)

Kathleen P. Doyle, Ph.D., Southern Illinois University, Professor, Health Studies (1978)

Robert Doyle, Ph.D., Southern Illinois University, Associate Professor, Physical Education (1980)

Glenda Duke, M.S., Eastern Illinois University, Instructor, Student Teaching, (1998)

Billie R. Dudley, M.A., Indiana University, Instructor, Mathematics (1998)

Carol Dudley, M.A., Southern Illinois University - Edwardsville, Instructor, English (1993)

Lola W. Dudley, Ph.D., University of Arkansas, Professor, School of Business (1989)

Sidney C. Dudley, Ph.D., University of Arkansas, Associate Professor, School of Business (1989)

E

Amy D. Eades, M.S., Eastern Illinois University, Instructor, Family and Consumer Sciences (1996)

Charles G. Eberly, Ph.D., Michigan State University, Professor, Counseling and Student Development (1987)

Craig Eckert, Ph.D., University of Missouri, Professor, Sociology/Anthropology (1986)

Audrey T. Edwards, Ed.D., Harvard University, Professor, Secondary Education and Foundations (1989)

Jerry D. Eisenhower, Ph.D., University of Missouri, Professor, Theatre Arts (1984)

Karen A. Eisenhour, M.F.A., University of Massachusetts, Associate Professor, Theatre Arts (1994)

Dean S. Elmuti, Ph.D., North Texas State University, Professor, School of Business (1987)

Carl E. Emmerich, D.Ed., The Pennsylvania State University, Professor, Art (1962)

John D. Emmett, Ph.D., Pennsylvania State University, Professor, Physical Education (1989)

Ellen M. Epping, M.A., New Mexico State University, Assistant Professor, Physical Education (1992) (Part-time)

Tim D. Engles, Ph.D., University of Georgia, Assistant Professor, English (2000)

Stephen J. Eskilson, Ph.D., Brown University, Providence, R.I., Assistant Professor, Art (1995)

Celia I. Evans, M.A., University of Evansville, Assistant Professor, Elementary/Special Education (1994)

Charles M. Evans, Ph.D., University of Oklahoma, Associate Professor, Political Science (1994)

Muriel A. Everton, M.S., Florida International University, Instructor, Speech Communication (1991)

F

Samuel W. Fagaly, M.M., Louisiana State University, Associate Professor, Music (1991)

Paul R. Fahy, Ph.D., University of Connecticut, Associate Professor, Economics (1976)

Joyce Felstehausen, Ed.D., University of Illinois, Professor, Technology (1976)

Patricia Fewell, Ed.D., Illinois State University, Director, Instructional Materials Center and Associate Professor, Secondary Education and Foundations (1986)

Beverly Findley, Ph.D., Indiana State University, Professor, Educational Administration (1991)

Robert U. Fischer, Jr., Ph.D., University of South Carolina, Associate Professor, Biological Sciences (1994)

Russell D. Fischer, Ed.D., North Texas State University, Associate Professor, Physical Education (1976)

William Fischer, Ed.D., Indiana University, Professor, Student Teaching (1992)

April D. Flood, M.S., Eastern Illinois University, Instructor, Early Childhood, Elementary, and Middle Level Education (2000)

Richard F. Foley, Ph.D., Northwestern University, Assistant Professor, Philosophy (2000)

Gary S. Foster, Ph.D., Kansas State University, Professor, Sociology/Anthropology (1981)

French L. Fraker, Ph.D., University of Illinois, Professor, Counseling and Student Development (1987)

Teresa A. Freking, M.A., University of Iowa, Assistant Professor, Secondary Education and Foundations (1997)

Shelley S. French, Ph.D., University of Illinois, Assistant Professor, Foreign Languages (1989)

Billie Friedland, Ed.D., West Virginia University, Assistant Professor, Special Education (1999)

Gary N. Fritz, Ph.D., University of Florida, Associate Professor, Biological Sciences (1994)

Norbert C. Furumo, Ph.D., University of Akron, Associate Professor, Chemistry (1989)

G

Gregory Galperin, Ph.D., Moscow University, Professor, Mathematics (1994)

John W. Gardner, Ph.D., University of Illinois, Professor, Physics (1983)

Margaret Garrett, B.A., Brigham Young University, Instructor, Foreign Languages (1993) (Part-time)

Norman A. Garrett, Ed.D., Arizona State University, Professor, School of Business (1990)

Hillel Gauchman, Ph.D., University of Moscow, Professor, Mathematics (1986)

Max O. Gerling, Ph.D., Florida State University, Professor, Mathematics (1978)

Linda S. Ghent, Ph.D., North Carolina State University, Assistant Professor, Economics (2000)

Mary A. Gherardini, M.S. Ed., Illinois College, Instructor, Special Education (1994) (Part-time)

William Gibbs, Ph.D., The Pennsylvania State University, Associate Professor, Media Services (1993)

Christopher J. Gill, M.A., University of Texas, Austin, Assistant Professor, History (2000)

Waihan B. Gillham, Ph.D., Instructor, University of Buffalo, Library Services (2000)

Julia M. Gladu, M.S., Eastern Illinois University, Instructor, Physical Education (1994)

Frederick E. Glassford, M.S., Eastern Illinois University, Instructor, Student Teaching (1998)

James F. Glazebrook, Ph.D., University of Warwick, Professor, Mathematics (1988)

Ivy Glennon, Ph.D., University of Illinois, Associate Professor, Speech Communication (1990)

Frank Goldacker, M.S., Eastern Illinois University, Associate Professor, Communication Disorders and Sciences (1989)

Evelyn T. Goodrick, M.A., Kent State University, Professor, Journalism, (1987)

Laurent A. Gosselin, Ed.D., Temple University, Professor, Family and Consumer Sciences (1981)

Alan P. Grant, Ph.D., Kansas State University, Assistant Professor, Economics (1997)

Patricia O. Graves, Ed.D., Memphis State University, Professor, School of Business (1987)

Lillian Greathouse, Ph.D., Southern Illinois University, Associate Professor, School of Technology (1986)

Noelle J. Greathouse, Ph.D., Indiana State University, Professor, Early Childhood, Elementary, and Middle Level Education (1988)

Harrison D. Green, Ph.D., Texas Tech University, Assistant Professor, School of Business (2000)

Mary J. Greenlaw, Ph.D., Indiana State University, Associate Professor, Student Teaching (1994)

Norman Greer, Ph.D., Southern Illinois University - Carbondale, Associate Professor, Speech Communication (1995)

David Griffin, M.F.A., University of Illinois, Associate Professor, Art (1992)

Russell Gruber, Ph.D., University of Cincinnati, Professor, Psychology (1991)

Samuel A. Guccione, Ph.D., Temple University, Assistant Professor, School of Technology (2000)

Bruce Guernsey, Ph.D., University of New Hampshire, Professor, English (1978)

Vincent P. Gutowski, Ph.D., University of Pittsburgh, Professor, Geology/Geography (1983)

John Z. Guzowski, Ph.D., Purdue University, Professor, English (1981)

H

Assegedetch Haile Mariam, Ph.D., Central Michigan University, Assistant Professor, Psychology (1999)

Eric Hake, Ph.D., University of Knoxville, Assistant Professor, Economics (1999)

Vicki A. Hampton, M.B.A., Eastern Illinois University, Instructor, School of Business (1999)

Marjorie Hanft-Martone, M.A., University of Oklahoma, Instructor, Psychology (1986)

- Mary Anne Hanner**, Ph.D., Indiana State University, Professor, Communication Disorders and Sciences (1981)
- Martin Hardeman**, Ph.D., University of Chicago, Associate Professor, History (1992)
- Marcia J. Hargis**, M.S. Ed., Eastern Illinois University, Instructor, Student Teaching (1994)
- Eugene Harrison**, Ed.D., University of Illinois, Associate Professor, Art (1992)
- Karen Hartbank**, M.A., Eastern Illinois University, Instructor, Sociology/Anthropology (1988)
- James M. Havey**, Ed.D., Ball State University, Professor, Psychology (1988)
- Cheryl Hawker**, D.A., Illinois State University, Professor, Mathematics (1979)
- Gregg A. Hecimovich**, Ph.D., Vanderbilt University, Assistant Professor, English (1997)
- Melinda Hegarty**, Ph.D., University of Iowa, Professor, Art (1977)
- Morton A. Heller**, Ph.D., Yeshiva University, Professor, Psychology (1998)
- Christine Helsel**, Ph.D., Southern Illinois University, Professor, Speech Communication (1985)
- Larry D. Helsel**, D.Ed., Pennsylvania State University, Professor, Technology (1980)
- Carol M. Helwig**, Ed.D., University of Illinois, Professor, Early Childhood, Elementary, and Middle Level Education* (1969)
- Darren Hendrickson**, M.S., Utah State University, Assistant Professor, Sociology/Anthropology (2000)
- Ryan Hendrickson**, Ph.D., University of Nebraska-Lincoln, Assistant Professor, Political Science (1999)
- Joan E. Henn**, Ph.D., University of Tennessee, Professor, Mathematics (1989)
- Peter D. Hesterman**, Ph.D., Eastman School of Music, Professor, Music (1978)
- Joseph K. Heumann**, M.A., University of Iowa, Professor, Speech Communication (1976)
- William F. Higelmire**, Ed.D., University of Northern Colorado, Professor, Recreation Administration* (1987)
- Joyce Higgins**, Ph.D., Duke University, Assistant Professor, Chemistry (1995)
- Glenn J. Hild**, M.F.A., University of Nebraska, Associate Professor, Art* (1979)
- Robert V. Hillman**, M.L.S., Brigham Young University, Professor, Library (1989)
- William C. Hine**, Ed.D., Indiana University, Professor, Secondary Education and Foundations (1986)
- Elizabeth Hitch**, Ph.D., University of Michigan, Professor, Dean, College of Education and Professional Studies (1995)
- Dan M. Hockman**, Ph.D., University of Illinois, Assistant Professor, History (1965)
- David Hobbs**, Ph.D., University of Cincinnati, Associate Professor, Music (1991)
- Ruth Hoberman**, Ph.D., Columbia University, Professor, English (1984)
- Mary C. Hogg**, Ph.D., University of Iowa, Associate Professor, Speech Communication (1989)
- Peggy Holmes-Layman**, Ph.D., University of Illinois, Assistant Professor, Recreation Administration (1997)
- Christy M. Hooser**, Ph.D., Eastern Illinois University, Assistant Professor, Special Education (1989)
- Allan L. Horney**, M.S., University of Illinois, Professor, Music (1974)
- Mary L. Hubbard**, Ph.D., Southern Illinois University, Professor, Family and Consumer Sciences (1979)
- William Hubschmitt**, Ph.D. Suny Binghamton, Professor, Art (1996)
- Richard L. Hummel**, Ph.D., Indiana University, Professor, Sociology/Anthropology (1969)
- Kathryn A. Hussey**, M.S., Eastern Illinois University, Instructor, Physical Education (1996)
- Kevin Hussey**, Ph.D., University of South Carolina, Associate Professor, Physical Education (1995)
- Leslie S. Hyder**, Ed.D., University of Tennessee, Associate Professor, Journalism* (1994)
- Judith Hyndman-Black**, M.S., Eastern Illinois University, Assistant Professor, Physical Education (1990)
- I**
- Diana S. Ingram**, M.A., Eastern Illinois University, Instructor, Speech Communication (1986)
- Bonnie D. Irwin**, Ph.D., University of California at Berkeley, Associate Professor, English (1994)
- Debra K. Israel**, Ph.D., University of Wisconsin, Assistant Professor, Economics (2000)
- Mahyar Izadi**, Ph.D., Southern Illinois University, Professor, Technology* (1984)
- J**
- Richard D. Jacques**, Ph.D., Bowling Green State University, Associate Professor, Communication Disorders and Sciences (1987)
- Olivet Jagusah**, Ed.D., Northern Illinois University, Assistant Professor, Secondary Education and Foundations (1999)
- Julia Jeffers-Gladu**, M.S., Eastern Illinois University, Instructor, Physical Education (1994)
- Linda L. Jenkins-Taylor**, M.S., Southern Illinois University, Instructor, Speech Communication (1988)
- Christine Joern**, M.F.A., University of Oklahoma, Assistant Professor, Theatre Arts (1998)
- Brian P. Johanpeter**, M.A., Eastern Illinois University, Instructor, School of Business (2000)
- Anne C. Johnson**, M.S., University of Illinois, Instructor, Music (1998)
- Elizabeth Johnson-Miller**, M.S., Austin Presbyterian Theological Seminary, Instructor, Speech Communication (1998)
- James K. Johnson**, M.F.A., University of Kansas, Professor, Dean, College of Arts and Humanities (1978)
- James C. Jones**, B.A., Slippery Rock State College, Instructor, Speech Communication (1997)
- Johnetta Jones**, M.A., Southern Illinois University, Assistant Professor, Sociology/Anthropology (1977)
- James Jordan-Wagner**, Ph.D., University of North Texas, Associate Professor, School of Business (1990)
- Robert B. Jorstad**, Ph.D., University of Idaho, Professor, Geology/Geography (1982)
- Alphonso Joyner**, J.D., Howard University, Associate Professor, School of Business (1985)
- William Joyce**, Ph.D., University of Nebraska-Lincoln, Assistant Professor, Business (1999)
- K**
- Christopher B. Kahler**, M.F.A., Northwestern University, Assistant Professor, Art (1992)
- Joy M. Kammerling**, Ph.D., University of Chicago, Associate Professor, History (1994)
- Ebrahim Karbassioon**, Ph.D., University of Nebraska, Lincoln, Professor, Economics* (1980)
- Mahmoud Kashefi**, Ph.D., Indiana University, Professor, Sociology/Anthropology (1990)
- Yunus Kathawala**, Ph.D., University of Georgia, Professor, School of Business (1982)
- Susan J. Kaufman**, Ph.D.,⁺ Indiana State University, Professor, Journalism (1986)

Lynda L. Kayser, Ed.D., University of Maine, Professor, Counseling and Student Development (1984)
Ellen A. Keiter, Ph.D., University of Illinois, Professor, Chemistry* (1977)
Richard L. Keiter, Ph.D.,⁺ University of Maryland, Professor, Chemistry (1969)
Barbara E. Kemmerer, Ph.D., University of Nebraska, Associate Professor, School of Business (1990)
Karen J. Ketler, Ph.D., Kent State University, Associate Professor, School of Business (1988)
Newton E. Key, Ph.D., Cornell University, Associate Professor, History (1989)
Ahmad Raza Khan, Ph.D., Howard University, Assistant Professor, Chemistry (2000)
Belayet Khan, Ph.D., University of Pittsburgh, Associate Professor, Geology/Geography (1986)
John Kilgore, Ph.D., University of California, Irvine, Professor, English (1979)
Janice A. King, Adv. Cert., University of Illinois, Instructor, Special Education (1994) (Part-time)
Renee E. King, M.B.A., Eastern Illinois University, Instructor, School of Business (1997)
Catherine Kirby, M.S. Ed., University of Illinois, Instructor, Technology (1994)
Linda J. Kirby, M.S. Ed., Eastern Illinois University, Instructor, Special Education (1994) (Part-time)
William G. Kirk, Ph.D., University of Kansas, Professor, Psychology (1975)
Douglas Klarup, Ph.D., University of California, Associate Professor, Chemistry (1995)
Karl-Ludwig Konrad, M.A., University of Washington, Associate Professor, Foreign Languages/Radio-TV (1970)
Roann R. Kopel, Ph.D., University of North Carolina, Associate Professor, School of Business (1991)
Fern E. Kory, Ph.D., University of California, Professor, English (1990)
Heidi J. Kotva, M.A., Appalachian State University, Instructor, Psychology (2000)
Claire E. Krukenberg, Ph.D., University of Illinois, Professor, Mathematics* (1968)
Kipp Kruse, Ph.D.,⁺ University of Nebraska, Professor, Biological Sciences* (1979)
Johnson Kuma, M.A./M.L.S., St. John's University, Associate Professor, Library Services (1991)
Michael Kuo, Ph.D., Indiana University of Pennsylvania, Instructor, English (1995)

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Marta J. Ladd, M.A., Eastern Illinois University, Associate Professor, Journalism (1986)
Johnny L. Lane, M.M., Southern Illinois University, Professor, Music (1974)
Stephen F. Larabee, D.B.A., Kent State University, Professor, School of Business (1989)
Jeffery B. Larsen, M.S., Utah State University, Assistant Professor, Communication Disorders and Sciences (1997)
Stephen J. Larson, M.S., Utah State University, Assistant Professor, School of Business (2000)
Herbert Lasky, Ph.D., New York University, Professor, History (1966)
L. Jane Lasky, M.A./M.S.L.S., Eastern Illinois University, Professor, Library (1973)
Kevin R. Lasley, Ed.D., University of Arkansas, Professor, Physical Education (1987)
Patricia B. Laube, M.S., Eastern Illinois University, Instructor, Technology (1999)
Cheryl Laursen, M.S., University of Wisconsin, Instructor, Biological Sciences (1995) (Part-time)
Jeffrey R. Laursen, Ph.D., University of Minnesota, Associate Professor, Biological Sciences (1994)
Barbara A. Lawrence, Ph.D., University of California - Irvine, Assistant Professor, Chemistry (1997)
Jana Lawson, M.S., Eastern Illinois University, Instructor, Family and Consumer Sciences (1996)
Linda Leal, Ph.D., Tulane University, Professor, Psychology (1985)
Michael Leddy, Ph.D., Boston College, Professor, English (1985)
Young Sook Lee, Ph.D., Temple University, Associate Professor, Philosophy (1994)
Gloria Leitschuh, Ph.D., University of Illinois, Associate Professor, Counseling and Student Development (1994)
Mary M. Leonard-Cravens, M.F.A., Northern Illinois University, Professor, Art (1986)
Graham Lewis, M.F.A., University of Arkansas, Instructor, English (1993)
Karen S. Lindley, M.S. Ed., Eastern Illinois University, Instructor, Business (1995)
Marilyn Lisowski, Ph.D.,⁺ Ohio State University, Professor, Early Childhood, Elementary, and Middle Level Education (1987)
Gwen G. Little, M.S. Ed., Eastern Illinois University, Instructor, Physical Education (1987)

Ping Liu, Ph.D., Iowa State University, Professor, Technology (1991)
Gail M. Lockart, Ed.D., Southern Illinois University - Edwardsville, Associate Professor, Elementary Education (1994)
Peter Loewen, M.M., University of Southern California, Assistant Professor, Music (1999)
Carl L. Lorber, M.B.A./M.S.L.S., University of Illinois, Professor, Library (1988)
Michael D. Loudon, Ph.D., State University of New York, Buffalo, Professor, English (1984)
Linda W. Loy, M.A., University of Texas, Instructor, Early Childhood, Elementary, and Middle Level Education (1998)
Brian A. Luce, M.A., University of North Texas, Instructor, Music (2000)
Roger L. Luft, Ed.D., Oregon State University, Professor, School of Business (1989)
Carol A. Lundgren, Ph.D., Arizona State University, Professor, School of Business (1989)
Terry D. Lundgren, Ph.D., The Ohio State University, Professor, School of Business (1989)
Judith W. Lyles, Ed.D., University of Illinois, Professor, Counseling and Student Development (1991)
Jeffrey P. Lynch, M.A., University of Dayton, Professor, English (1976)

M

Mary C. Maddox, M.F.A., University of Iowa, Instructor, English (1979)
Joanne Magalis, Ph.D., University of Illinois, Assistant Professor, Sociology/Anthropology (1971)
Joseph Manfredo, Ed.D., University of Illinois, Associate Professor, Music (1994)
Marina Marjanovic, Ph.D., University of Belgrade, Assistant Professor, Biological Sciences (1996)
Edward K. Marlow, Ph.D., University of Illinois, Professor, School of Business (1984)
Nancy Marlow, D.B.A., Mississippi State University, Professor, School of Business (1985)
Janet Marquardt-Cherry, Ph.D., University of California - Los Angeles, Professor, Art (1986)
John R. Marquart, Ph.D., University of Illinois, Professor, Chemistry (1979)
Joseph M. Martin, M.M., East Carolina University, Associate Professor, Music (1969)
Alex M. Martino, M.S., University of Illinois, Instructor, Student Teaching (1997)

John P. Martone, Ph.D., Brown University, Professor, English (1985)

Gail E. Mason, Ph.D., Indiana University, Professor, Speech Communication (1989)

Timothy L. Mason, Ph.D., Indiana University, Associate Professor, Economics (1989)

Patricia (Stein) McCallister, Ed.D., University of Georgia, Professor, Family and Consumer Sciences (1989)

Steven A. McCann, M.S., Southern Illinois University - Carbondale, Instructor, Library (1993)

Joan McCausland, M.S., Eastern Illinois University, Instructor, Health Studies (1988)

Christine McCormick, Ph.D., University of Minnesota, Professor, Psychology (1982)

Frank McCormick, Ph.D.,⁺ University of Minnesota, Professor, English (1977)

Michael J. McDevitt, M.A., Eastern Illinois University, Instructor, Health Studies (1987)

Carla J. McDonough, Ph.D., University of Tennessee, Associate Professor, English (1992)

John F. McElligott, Ph.D., New York University, Associate Professor, History (1967)

Lola A. McElwee, B.A., Eastern Illinois University, Instructor, Journalism (1991)

Dolly J. McFarland, Ed.S., Eastern Illinois University, Instructor, Physical Education (1999)

Harland G. McFarland, M.S. Ed., Southern Illinois University, Associate Professor, Physical Education (1970)

Jeanna K. McFarland, B.S., Southern Illinois University, Instructor, Physical Education (1991)

James A. McGaughey, Ed.D., University of Illinois, Associate Professor, Biological Sciences (1990)

Kip McGilliard, Ph.D., University of Minnesota, Associate Professor, Biological Sciences (1985)

David G. McGrady, M.B.A., University of Texas, Instructor, School of Business (1986)

Kevin G. McGuire, B.A., University of Illinois, Instructor, Music (2000) (Part-time)

Mark E. McGuire, Ph.D., University of Rochester, Professor, Chemistry (1988)

Daniel A. McMillan, Ph.D., Columbia University, Assistant Professor, History (1998)

Andrew D. McNitt, Ph.D., Michigan State University, Professor, Political Science (1977)

Scott J. Meiners, Ph.D., Rutgers, the State University of New Jersey,

Assistant Professor, Biological Sciences (2000)

William P. Melvin, D.M.A., University of Illinois, Associate Professor, Music (1991)

John M. Messer, D.Ed., University of Northern Colorado, Professor, Technology (1977)

Andrew S. Methven, Ph.D., University of Tennessee, Professor, Biological Sciences (1987)

Bryan G. Miller, Ph.D., Indiana University School of Medicine, Associate Professor, Biological Sciences (1987)

Shane A. Miller, Ph.D., University of Texas at Austin, Assistant Professor, Speech Communication (1996)

William D. Miller, Ph.D., University of Iowa, Professor, English (1963)

Melanie B. (McKee) Mills, Ph.D., Bowling Green State University, Professor, Speech Communication (1985)

Timothy H. Mills, D.B.A., Louisiana Tech University, Associate Professor, School of Business (1989)

William C. Minnis, A.B.D., St. Louis University, Assistant Professor, School of Business (2000)

Thomas Moncada, J.D., IIT-Chicago, Kent College of Law, Associate Professor, School of Business (1980)

Matthew M. Monippallil, J.D., Southern Illinois University, Professor, School of Business (1986)

John D. Moore, Ph.D., University of Washington, Associate Professor, English (1985)

Mark E. Mort, Ph.D., Washington State University, Assistant Professor, Biological Sciences (2000)

Ali R. Moshtagh, Ph.D., University of Arkansas, Associate Professor, Economics (1987)

Susan Mounce, M.S., Eastern Illinois University, Instructor, Biological Sciences (1994)

Stephen Mullin, Ph.D., University of Memphis, Assistant Professor, Biological Sciences (1999)

Melinda A. Mueller, Ph.D., University of Rochester, Associate Professor, Political Science (1995)

Frances L. Murphy, Ph.D., Texas Woman's State University, Associate Professor, Family and Consumer Sciences (1990)

Robin L. Murray, Ph.D., University of Toledo, Assistant Professor, English (1998)

N

Karen S. Nantz, Ph.D., Brigham Young University, Professor, School of Business (1990)

Dwain L. Naragon, M.F.A., Arizona State, Associate Professor, Art (1995)
Britto P. Nathan, Ph.D., University of Kansas, Assistant Professor, Biological Sciences (1996)

Laura Nau, M.A., Eastern Illinois University, Instructor, English (1987)

James Naylor, Ed.D., University of Illinois, Assistant Professor, Student Teaching (1995) (Part-time)

Thomas A. Nelson, Ph.D., Southern Illinois University - Carbondale, Professor, Biological Sciences (1994)

Lisa New-Freeland, Ph.D., University of North Texas, Assistant Professor, Sociology/Anthropology (2000)

Nanci D. Newstrom, M.B.A., The University of South Dakota, Instructor, School of Business (1999)

Henry C. Nilsen, M.S., University of Illinois, Assistant Professor, Biological Sciences (1967)

Jill F. Nilsen, Ph.D., University of Illinois, Professor, Communication Disorders and Sciences (1976)

Charles E. Nivens, M.F.A., Indiana University, Professor, Art (1986)

Cheryl L. Noll, Ph.D., The Ohio State University, Professor, School of Business (1990)

Nancy B. Nordtvedt, M.F.A., Montana State University, Assistant Professor, Physical Education (1981)

Carol Jean Normand, M.B.A., Northern Illinois University, Assistant Professor, Business, (1998)

Tomoaki Nomi, Ph.D., University of North Carolina at Chapel Hill, Assistant Professor, Political Science (2000)

Grace G. Nunn, Ph.D., The Ohio State University, Professor, Early Childhood, Elementary, and Middle Level Education (1983)

O

Godson C. Obia, Ph.D., University of Oklahoma, Professor, Geology/Geography (1994)

John T. Oertling, M.F.A., Tulane University, Professor, Theater Arts* (1999)

Onaiwu W. Ogbomo, Ph.D., Dalhousie University, Associate Professor, African-American Studies* (2000)

Kathryn M. Olsen, M.A., Eastern Illinois University, Instructor, English (1994)

Michele J. Olsen, Ph.D., University of Illinois, Assistant Professor, Elementary and Jr. High Education (1994)

Pamela F. Ortega, M.S./M.L.S., Florida State University, Assistant Professor, Library (1998)

Kenneth R. Osborne, M.S. and M.B.A., Eastern Illinois University, Faculty Assistant, Chemistry (1978)

Dannie L. Otto, M.A., University of Toronto, Instructor, Philosophy (1993) (Part-time)

Henry R. Owen, Ph.D., Virginia Polytechnic Institute, Associate Professor, Biological Sciences (1994)

Jill Owen, Ph.D., Southern Illinois University - Carbondale, Associate Professor, Physical Education (1988)

S. Jayne Ozier, Ph.D., Florida State University, Professor, Family and Consumer Sciences (1970)

P

Raymond F. Padovan, M.S. Ed., Southern Illinois University, Assistant Professor, Physical Education (1966)

Donald D. Pakey, Ph.D., University of Illinois, Associate Professor, Physics (1990)

Richard J. Palmer, M.B.A., Southern Illinois University - Carbondale, Lumpkin Distinguished Professor, School of Business (2000)

Jyoti Panjwani, Ph.D., University of Illinois, Assistant Professor, English (1996)

Charles L. Pederson, Ph.D., University of North Dakota, Professor, Biological Sciences (1989)

Terry Perkins, Ph.D., University of Kansas, Professor, Speech Communication* (1979)

Robert S. Peterson, M.A., Brown University, Instructor, Art (1998)

Raymond N. Pheifer, Ph.D., Indiana University, Associate Professor, Geology/ Geography (1984)

Amanda Poffingbarger, M.S., Southern Illinois University, Instructor, Biological Sciences (2000)

Heidi Ann Polchow, M.S. Ed., University of Chicago, Assistant Professor, Department of Counseling and Student Development (2000)

John H. Pommier, Ph.D., Texas A & M, Assistant Professor, Recreation Administration (1996)

Barbara L. Poole, Ph.D., Kent State University, Professor, Political Science (1989)

Brian Poulter, M.F.A., University of Wisconsin, Associate Professor, Journalism (1992)

Patricia Poulter, Ed.D., University of Illinois, Associate Professor, Music (1994)

Barbara M. Powell, Ph.D., University of Illinois, Assistant Professor, Counseling and Student Development (1992)

Loretta Prater, Ph.D., University of Tennessee at Chattanooga, Associate Professor, School of Family and Consumer Sciences* (1996)

Jyoti Prasad, Ph.D., University of Arkansas, Professor, School of Business (1993)

Jay Prefontaine, M.F.A., University of Arkansas, Instructor, English (1996) (Part-time)

Scott C. Preston, M.B.A., Eastern Illinois University, Instructor, School of Business (1986)

Mark L. Prevo, Master of Divinity, Lexington Theological Seminary, Instructor, Speech Communication (2000)

Howard Z. Price, M.A., University of Missouri, Assistant Professor, Journalism (1984)

Brian Pritschet, Ph.D., University of Illinois, Associate Professor, Physical Education (1995)

Q

Gerald Quast, M.S. Ed., Eastern Illinois University, Instructor, School of Business (1995)

Theodore K. Quinn, Ph.D., University of Iowa, Associate Professor, English (1972)

R

David Radavich, Ph.D., University of Kansas, Professor, English (1984)

Terry L. Ramsey, M.S., Rochester Institute of Technology, Faculty Assistant, College of Sciences (1990)

Eden L. Rawski, M.S., Eastern Illinois University, Instructor, Biological Sciences (1998)

Ollie M. Ray, Ph.D., University of Utah, Professor, Health Studies (1990)

David Raybin, Ph.D., Columbia University, Professor, English (1981)

Mary (Ohl) Redden, M.S., Eastern Illinois University, Instructor, Physical Education (1989)

Alberta A. Reed, M.S., Chicago State University, Instructor, Mathematics (1990)

John D. Reed, Ph.D.,⁺ Southern Illinois University, Professor, Journalism (1972)

Kathleen Reed, M.A., Eastern Illinois University, Instructor, Speech Communication (1993)

Denise Rehm-Mott, M.F.A., Indiana University, Professor, Art (1984)

Debra A. Reid, Ph.D., Texas A & M, Assistant Professor, History (1999)

Denise E. Reid, M.A.E., University of Alabama at Birmingham, Assistant Professor, Early Childhood, Elementary and Middle Level Education (1997)

Linda M. Reven, Ph.D., Ohio University, Professor, Early Childhood, Elementary, and Middle Level Education (1990)

Richard Riccio, M.A., University of Arizona, Instructor, History (1995) (Part-time)

Cynthia Rich, M.A., Murray State, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1995) (Part-time)

Gail Richard, Ph.D.,⁺ Southern Illinois University, Professor, Communication Disorders and Sciences** (1981)

Leta Ridgeway, Ed.S., Eastern Illinois University, Associate Professor, Library (1971)

Darlene J. Riedemann, M.B.A., Loyola University - Chicago, Instructor, School of Business (2000)

Bobette Rife, M.A., Eastern Illinois University, Instructor, Speech Communication (1993)

Dana J. Ringuette, Ph.D., University of Washington, Professor, English* (1990)

Richard Roberts, Ph.D., University of North Texas, Counseling and Student Development* (1998)

Robert T. Robison, D.M.A., University of Illinois, Instructor, Music (1997)

Charles Rohn, Ph.D., Southern Illinois University - Carbondale, Associate Professor, Educational Administration* (2000)

Gregory S. Ronsse, Ph.D., Kansas State University, Associate Professor, Mathematics (1984)

Jane M. Rood, M.A., Eastern Illinois University, Instructor, Mathematics (1978)

Steven D. Roper, Ph.D., University of Missouri, Columbia, Assistant Professor, Political Science (2000)

Peggy M. Ropiequet, B.S., Illinois State University, Instructor, Secondary Education (1994) (Part-time)

Paul B. Rogowski, M.A., State University of New York at Stony Brook, Instructor, Mathematics (2000)

Richard R. Rossi, M.F.A., Carnegie-Mellon University, Assistant Professor, Music (2000)

Kristin E. Routt, Ph.D., Indiana University, Assistant Professor, Foreign Languages (2000)

Ira Rosenholtz, Ph.D., University of Wisconsin, Professor, Mathematics (1990)

Christie L. Roszkowski, J.D., University of Illinois, Associate Professor, School of Business (1988)

James S. Russell, B.S., Kent State University, Instructor, Journalism (2000)

Joy L. Russell, M.S. Ed., Eastern Illinois University, Instructor, Special Education (1985) (Part-time)

William D. Russell, Ph.D., University of Missouri - Columbia, Assistant Professor, Physical Education (1998)

Kathreen A. Ryan, M.M., University of Illinois, Instructor, Music (1998)
John M. Ryan, M.S., University of Illinois, Professor, Journalism (1985)

S

- Joseph M. Sain**, B.A., Eastern Illinois University, Faculty Assistant, Theatre Arts (1977)
Annette J. Samuels, M.P.A., Harvard University, Assistant Professor, Journalism (1996)
George P. Sanders, D.M.A., University of Iowa, Professor, Music (1964)
Diane Schaefer, Ph.D., Indiana University, Assistant Professor, Sociology (1998)
Steven J. Scher, Ph.D., Princeton University, Associate Professor, Psychology (1996)
Rosemary Schmalz, Ph.D., Florida State University, Professor, Mathematics (1987)
Thomas D. Schnarre, M.A., Eastern Illinois University, Instructor, English (1995)
Thomas Scism, Ph.D., University of North Carolina, Associate Professor, Political Science (1970)
Sonya L. Schuette, M.S., Eastern Illinois University, Instructor, Physical Education (1998)
William J. Searle, Ph.D., Purdue University, Professor, English (1976)
Nida Sehweil-Elmuti, M.S., Eastern Illinois University, Instructor, Biological Sciences (1993)
Richard G. Seitz, M.L.S., University of Illinois/M.A., University of Washington, Assistant Professor, Library (1994)
M. Mehdi Semati, Ph.D., Assistant Professor, University of Missouri – Columbia, Speech Communication (2000)
Kathlene S. Shank, Ph.D., University of Illinois, Professor, Special Education* (1970)
Anupama Sharma, Ph.D., State University of New York at Buffalo, Assistant Professor, Psychology (2000)
Daniel J. Sheeran, Ph.D., University of Kansas, Assistant Professor, Chemistry (1991)
Anita K. Shelton, Ph.D., University of Washington, Associate Professor, History* (1988)
Michael Shirley, J.D., George Washington University, Assistant Professor, History (1998)
Timothy A. Shonk, Ph.D., University of Tennessee at Knoxville, Associate Professor, English (1981)
Sheila Simons, Ph.D., Southern Illinois University, Instructor, Health Studies (1992)
Linda D. Simpson, Ph.D., University of Illinois, Assistant Professor, Family and Consumer Sciences (1997)
Thomas J. Sinclair, M.S.Ed., University of Missouri - Columbia, Assistant Professor, Special Education (2001)
James L. Slavik, Ph.D., Florida State University, Associate Professor, Family and Consumer Sciences (1987)
Marlene Slough, M.L.S., University of Missouri - Columbia; M.A., Eastern Illinois University, Assistant Professor, Library Services (1993)
William Slough, Ph.D., Washington State University, Associate Professor, Mathematics (1992)
Nora Small, Ph.D., Boston University, Assistant Professor, History (1995)
Betty Smith, Ph.D., University of Buffalo, Associate Professor, Geology/Geography (1995)
Cecil P. Smith, M.B.A., Eastern Illinois University, Instructor, School of Technology (1997)
Christopher Smith, M.M., University of Michigan - Ann Arbor, Associate Professor, Music (1993)
David K. Smith, Ph.D., University of Pennsylvania, Assistant Professor, History (1997)
Denise M. Smith, Ed.D., University of Pacific, Assistant Professor, Special Education (2000)
Don G. Smith, Ph.D., Southern Illinois University, Associate Professor, Secondary Education and Foundations (1990)
Gary E. Smith, M.A., Ball State University, Instructor, Music (2000)
Judy C. Smith, M.S., Southern Illinois University, Instructor, School of Business (1999)
Lauren B. Smith, Ph.D., University of Iowa, Associate Professor, English (1994)
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