
Agenda for the May 4, 2017 CAA Meeting

Items Approved: 17-118, ART 1020, Drawing Studio Exploration, an introduction to drawing methods (New Course)
17-119, ART 1021, Printmaking Essentials: Methods and Media in Monotype (New Course)
17-120, ART 1022, Comic Book Drawing Exploration, an introduction to drawing comics (New Course)
17-121, ART 1023, Ceramic Studio Exploration, an introduction to wheel throwing (New Course)
17-122, Change the name of EIU's "Department of Art" to the "Department of Art & Design"
17-123, Political Science Honors Program (Revised Program)

Items Pending: None.

Ongoing: Multi-year plan regarding the University Learning Goals (For details concerning the plan, see agenda Item 13-83, CAA Learning Goals Committee's Recommendations & Resolution, which was approved by CAA at its 4/25/13 meeting)

Council on Academic Affairs

Minutes

May 4, 2017

The May 4, 2017 meeting of the Council on Academic Affairs was held at 10:21 a.m. in the Room 4440 at Booth Library.

Members Present: Mr. Aydt, Dr. Aylesworth, Dr. Kronenfeld, Dr. Paulson, Dr. Rhoads, Dr. Ruholl, Dr. Throneburg, Dr. Wilkinson, and Dr. Yordanov.

Members Absent: Dr. Bruehler and Mr. Young.

Staff Present: Provost Lord and Ms. Fopay.

Guests Present: Mr. Chris Kahler, Art; Associate Dean Chris Mitchell, College of Arts & Humanities, and Dr. Richard Wandling, Political Science.

I. Approval of the April 27, 2017 CAA Meeting Minutes.

Dr. Aylesworth moved and Dr. Rhoads seconded the motion to approve the minutes. The minutes of April 27, 2017, were approved as written.

II. Communications:

a. College Curriculum Committee Minutes:

1. Minutes of the April 5, 2017 College of Arts & Humanities Curriculum Committee meeting.

III. Items Added to the Agenda

1. 17-123, Political Science Honors Program (Revised Program)

Dr. Kronenfeld moved and Dr. Yordanov seconded the motion to add this item to the agenda.

Dr. Rhoads and Dr. Aylesworth seconded the motion to suspend the CAA bylaws to act upon the item at the meeting today.

IV. Items Acted Upon:

Dr. Throneburg arrived at 10:24 a.m.

1. **17-118, ART 1020, Drawing Studio Exploration, an introduction to drawing methods (New Course).**

Mr. Kahler presented the proposal and answered questions of the council. The council requested revisions to the proposal.

Dr. Rhoads moved and Dr. Paulson seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revisions, was approved, effective Fall 2017, *pending course fee approval*.

ART 1020. Drawing Studio Exploration: An Introduction to Drawing Methods. (0-3-1) On Demand. Drawing Studio Exploration. An introduction to methods and materials relevant to traditional and contemporary practice in drawing. Intended to be a beginner friendly course to learn drawing skills.

2. 17-119, ART 1021, Printmaking Essentials: Methods and Media in Monotype (New Course).

Mr. Kahler presented the proposal and answered questions of the council. The council requested revisions to the proposal.

Dr. Aylesworth moved and Dr. Rhoads seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revisions, was approved, effective Fall 2017, *pending course fee approval*.

ART 1021. Printmaking Essentials: Methods and Media in Monotype. (0-3-1) On Demand. Printmaking Essentials. This course is an eight week, focused introduction to the principles and techniques of fine art printmaking as they relate to the monotype. Popularized by 19th century artist Edgar Degas and often called the "painterly print", the monotype is a beginner friendly method of printmaking that results in a unique impression.

3. 17-120, ART 1022, Comic Book Drawing Exploration, an introduction to drawing comics (New Course).

Mr. Kahler presented the proposal and answered questions of the council. The council requested revisions to the proposal.

Dr. Yordanov moved and Dr. Kronenfeld seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revisions, was approved, effective Fall 2017, *pending course fee approval*.

ART 1022. Comic Book Drawing Exploration: An Introduction to Drawing Comics. (0-3-1) On Demand. Comic Book Drawing Exploration. An introduction to methods and materials used in making comics. Intended to be a beginner friendly course.

4. 17-121, ART 1023, Ceramic Studio Exploration, an introduction to wheel throwing (New Course).

Mr. Kahler presented the proposal and answered questions of the council. The council requested revisions to the proposal.

Dr. Rhoads moved and Dr. Paulson seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revisions, was approved, effective Fall 2017, *pending course fee approval*.

ART 1023. Ceramic Studio Exploration: An Introduction to Wheel Throwing. (0-3-1) On Demand. Ceramic Studio Exploration. An introduction to methods and materials relevant to traditional and contemporary practice in ceramics as pertains to wheel throwing. Intended to be a beginner friendly course to learn pottery skills.

5. 17-122, Change the name of EIU's "Department of Art" to the "Department of Art & Design".

Mr. Kahler presented the proposal. There were no questions.

Dr. Rhoads moved and Dr. Paulson seconded the motion to approve the proposal. The motion passed unanimously.

The proposal was approved, effective Fall 2017.

The department's name will change from the "**Department of Art**" to the "**Department of Art and Design.**"

6. 17-123, Political Science Honors Program (Revised Program)

Dr. Wandling presented the proposal. There were no questions.

Dr. Aylesworth moved and Dr. Rhoads seconded the motion to approve the proposal. The motion passed unanimously.

The proposal (**See Attachment A**) was approved, effective Fall 2017.

V. Other Business:

1. Election of the 2017-18 CAA Officers.

Chair: Dr. Stacey Ruholl was selected the 2017-18 CAA Chair with the following vote:

Yes: Aydt, Aylesworth, Kronenfeld, Paulson, Rhoads, Ruholl, Throneburg, Wilkinson, Yordanov
 No: None.
 Abstain: Ruholl

Vice Chair: Dr. Rick Wilkinson was selected the 2017-18CAA Vice Chair by acclamation.

2. Provost Lord explained that the [proposal for the revisions to the admission criteria \(agenda 17-85R\)](#) approved by CAA at its April 6, 2017, meeting inadvertently contained dueling language in respect to transfer students. The language in the internal governing policy and catalog copy in that proposal don't match up. He suggested that the council revisit the item in the fall to line up the language so it mirrors itself. Kelly Miller, Admissions Office, will be invited to a CAA meeting in the fall for that discussion.
3. Provost Lord handed certificates of appreciation to Dr. Ruholl and Dr. Wilkinson and commended them on their work as the CAA Chair and CAA Vice Chair respectively. In addition, he handed certificates to Dr. Aylesworth and Dr. Yordanov and thanked them for their contributions to the council.
4. Dr. Ruholl wished Provost Lord good luck upon his upcoming retirement.

VI. Pending:

1. None.

VII. Ongoing:

1. Multi-year plan regarding the University Learning Goals (For details concerning the plan, see agenda Item 13-83, CAA Learning Goals Committee's Recommendations & Resolution, which was approved by CAA at its 4/25/13 Meeting)

VIII. Meeting Adjournment:

1. Dr. Rhoads and Mr. Aydt seconded the motion to adjourn the meeting. The motion was approved by acclamation.

The meeting adjourned 11:02 a.m.

The next meeting will be held at 2:00 p.m. on Thursday, April 27, 2017.

–Minutes prepared by Ms. Janet Fopay, Recording Secretary.

The current agenda and all CAA council minutes are available on the Web at <http://www.eiu.edu/~eiucaa/>. In addition, an electronic course library is available at <http://www.eiu.edu/~eiucaa/elibrary/>.

***** ANNOUNCEMENT OF NEXT MEETING *****
August 24, 2017
Room 4440, Booth Library @ 2:00 p.m.

Agenda:

1. None at this time.

Approved Executive Actions:

BAS

Effective Fall 2017

1. Add the online delivery mode to EIU 4151G.
2. Delete FCS 2190 from the catalog.

BAS

Effective Fall 2018

1. Revise the course title and term offered for AET 1413.

AET 1413 - ~~Technological Systems~~. Introduction to Engineering Technology. (3-0-3) F, S. An introduction to the technological areas of communication, transportation, construction and manufacturing. The course includes study of the evolution and current status of each area as well as their interrelationships. Credits: 3

2. Change the term offered for AET 2043.

AET 2043 - Computer-Aided Engineering Drawing. (1-4-3) F, S. Sketching, spatial visualization, computer-aided drawing (CAD) procedures, multiview drawing, dimensioning, tolerancing, threads and fasteners, and descriptive geometry. EGR 941 Prerequisites & Notes: AET 1012 or permission of instructor. Credits: 3

3. Update the course prerequisites and term offered for AET 2953.

AET 2953 - 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. Prerequisites & Notes: ~~MAT 1340 or 1441G~~. **EGT 1303 and EGT 2004G**. Credits: 3

4. Change the course prerequisite and term offered for AET 3103.

AET 3103 - Robots and Control Systems. (1-4-3) S, On Demand. 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. Prerequisites & Notes: **EGT 2324**. ~~AET 2324 or permission of instructor~~. Credits: 3

- Amend the course prerequisite and term offered for AET 3213.

AET 3213 - Surveying and Site Planning. (1-4-3) S, F. 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. Prerequisites & Notes: MAT 1330 4340 or equivalent. Credits: 3

- Revise the course prerequisites for AET 3253.

AET 3253 - Energy Technology. (3-0-3) On Demand. A study of energy sources and energy conversion processes involving electrical, mechanical, fluidic, and other methods. Includes theory of conversion, principles of operation and basic design. Prerequisites & Notes: MAT 1270 EGT 1303 or Math ACT score of 20 or higher. Credits: 3

- Update the course title and term offered for AET 3414.

AET 3414 - Selection and Management of Applied Engineering Projects. Engineering Technology Project Management. (4-0-4) F, S. This course is designed to prepare students to analyze and evaluate the worth of products, systems, structures, and services in relation to their costs; develop and utilize network techniques such as PERT/CPM; schedule activities; develop project budgets; allocate resources; and control progress and costs of technical projects. Prerequisites & Notes: MAT 2420G EGT 1303 and AET 1323. Credits: 4

- Change the course title for AET 3453.

AET 3453 - Alternative and Renewable Energy Systems. Renewable Energy. (3-0-3) On Demand. A study of the technology and systems of alternative and renewable energy resources with emphasis on energy generation and utilization for heating, cooling, electrical generation, industrial processes, transportation, residential and commercial uses. Prerequisites & Notes: AET 3253. Credits: 3

- Revise the course description for AET 3603.

AET 3603 - Mechanical Systems in Residential and Commercial Buildings. (3-0-3) S. Study of principles and standards of mechanical, heating, and air-conditioning systems in construction. The course will concentrate on calculation and selection of pipes, ducts, equipment equipments for water, sewer, ventilation, heating, and air-conditioning of residential and light commercial buildings. Prerequisites & Notes: AET 3223 and AET 2324. Credits: 3

- Amend the course prerequisites and term offered for AET 3703.

AET 3703 - 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 & Notes: EGT 2953 and PHY 1151G/1152G. PHY 1351G, 1352G or (PHY 1151G, 1152G and MAT 1340 or 1441G). Credits: 3

- Change the term offered for AET 3833.

AET 3833 - Sustainable Buildings. (3-0-3) F, S. Study of the principles of environmentally sustainable construction with application of green buildings and standard construction techniques and mechanical systems. Included is the Green Building Rating System LEED (Leadership in Energy and Environmental Design) for benchmarking the design, construction, and operation of high performance green buildings. Prerequisites & Notes: AET 2253 and AET 3603 or approval of instructor. Credits: 3

12. Revise the course description for AET 3920.

AET 3920 - Independent Study. (Arr.-Arr.-1-5) Independent study related to personal technological career goals in **technology-related fields** ~~industrial technology~~. May be repeated once to maximum of five semester hours of elective credit **for disciplines in the School of Technology** ~~in applied engineering and technology~~. Prerequisites & Notes: Junior standing and permission of the Chair, School of Technology. Credits: 1 to 5

13. Update the course title and prerequisite for AET 4223.

AET 4223 - Construction Cost Estimating and Takeoffs. (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. Prerequisites & Notes: **CMG 2223** ~~AET 3223~~. Credits: 3

14. Modify the course description for AET 4275.

AET 4275 - Industrial Internship. (Arr.-Arr.-1-10) (Credit/No Credit) Employment experience in an area related to the student's **major option**. May be repeated once. Prerequisites & Notes: Permission of the Chair, School of Technology, and junior standing. Credits: 1 to 10

15. Change the course description for AET 4275A.

AET 4275A - Industrial Internship I. (Arr.-Arr.-1-10) (Credit/No Credit) Employment experience in an area related to the student's **major option**. May be repeated once. Prerequisites & Notes: Permission of the Chair, School of Technology, and junior standing. Credits: 1 to 10

16. Amend the course description for AET 4444.

AET 4444 - Honors Independent Study. (Arr.-Arr.-1-4) Independent Study in Applied Engineering and Technology is designed for the individual needs of the student as related to student's career goals **for majors in the School of Technology** ~~in Applied Engineering and Technology~~. May be repeated once to a maximum of four semester hours from Honors Independent Study. May be counted toward the 15 hours of required course work in a technical concentration. Prerequisites & Notes: Admission to the Departmental Honors Program and permission of the Chair, School of Technology. Credits: 1 to 4

17. Revise the course description for AET 4444A.

AET 4444A - Honors Independent Study I. (Arr.-Arr.-1-4) Independent Study in Applied Engineering and Technology is designed for the individual needs of the student as related to student's career goals **for majors in the School of Technology** ~~in Applied Engineering and Technology~~. May be repeated once to a maximum of four semester hours from Honors Independent Study. May be counted toward the 15 hours of required course work in a technical concentration. Prerequisites & Notes: Admission to the Departmental Honors Program and permission of the Chair, School of Technology. Credits: 1 to 4

18. Modify the course prerequisites for AET 4555.

AET 4555 - Honors Research. (3-0-3) On Demand. Study of research methods and processes including defining research problems, and collecting and analyzing data. Students will conduct a literature review and prepare a research proposal. Prerequisites & Notes: Admission to the Business, Family and Consumer Sciences, ~~or Applied Engineering and Technology~~ **or Technology** Departmental Honors Program and/or approval of the Business, Family and Consumer Sciences, or Technology Honors Coordinator. Course may not be repeated. Cross listed with BUS 4555 and FCS 4555. Credits: 3

19. Change the course title, term offered, and prerequisites for AET 4843.

AET 4843 - Statistical Quality and Reliability Assurance. (3-0-3) F, S. Principles of total quality control; Shewhart control charts; acceptance sampling; capability and reliability studies. Prerequisites & Notes: **AET 1323 EGT 1323** and BUS 2810 or MAT 2250G. Credits: 3

20. Update the course prerequisites for AET 4943.

AET 4943 - 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 & Notes: **AET 1303, EGT 2424, and AET 4753. AET 1323 and MAT 2120G or 1441G.** WI Credits: 3

CAH

Effective Fall 2017

1. Delete PHI 3520 from the catalog.
2. Remove the prerequisites from CMN 4770.

CMN 4770 - Television Criticism. (3-0-3) On Demand. Students will utilize a variety of theoretical lenses to critically analyze and evaluate television histories, systems and individual texts. The course includes lectures, discussions, presentations, selected viewings, intensive writing and examinations. A limit of 3 hours may be applied to a major or minor. WI **Prerequisites & Notes: Completion of CMN 2010, 2040, 3000, 3030 with a grade of "C" or better.** Credits: 3

3. Add ANT 3612 and PHI 3012 to the list of electives in the Women's Studies Minor.

Women's Studies Minor

Electives - Total Semester Hours: 12

- **ANT 3612 - The Body in Anthropological Perspective. Credits: 3**
- ART 3685 - Women in Art. Credits: 3
- CMN 3903 - Rhetoric of Gender and the Body. Credits: 3
- ECN 3873 - Economics of Race and Gender. Credits: 3
- EIU 4108G - The Changing World of Women. Credits: 3
- EIU 4162G - Women's Voices: Women in the Theatre. Credits: 3
- ENG 3903A - Women, Literature, and Language, Pre-1800. Credits: 3
- ENG 3903B - Women, Literature, and Language, Post-1800. Credits: 3
- FCS 2831 - Women in Contemporary Society. Credits: 3
- HIS 3900 - Women in American History. Credits: 3
- HIS 3901 - The Family in American History. Credits: 3
- HIS 4845 - Women and Gender in Modern Europe. Credits: 3
(Cross-listed with WST 4845)
- HST 3560 - Women's Health. Credits: 3
- JOU 3970 - Race, Gender, and the Media. Credits: 3
- **PHI 3012 - Philosophy of Sex and Love. Credits: 3**
- PLS 3903 - Women & Politics. Credits: 3
- PSY 3720 - Psychology of Gender. Credits: 3
- SOC 3903 - Gender Roles and Social Change. Credits: 3
- WST 2903 - Women and Gendered Violence. Credits: 3
- WST 3309 - Independent Study. Credits: 1 to 3
- WST 4000 - Special Topics. Credits: 1 to 3

- WST 4275 - Internship. Credits: 1 to 12
- WST 4800 - Non-western Feminisms: Gender, Culture, and Nation. Credits: 3
- WST 4845 - Women and Gender in Modern Europe. Credits: 3
(Cross-listed with HIS 4845)

CAH/COS

Effective Spring 2018

1. Revise the course title and prerequisites, and remove the restriction for SOS 2400.

SOS 2400 - Introduction to Teaching Social Studies in the Middle and Secondary Classroom. (1-0-1) On Demand. F. This course provides an introduction to social science education research/theory; the various disciplinary perspectives of all social sciences; edTPA and reflective teaching; and the **middle and secondary** classroom setting. This course is designed to meet the needs of students who will receive Social Science Teaching Licensure. ~~It is restricted to History Teacher Licensure and Social Science Teaching majors. Prerequisites & Notes: SED 2000 or permission of the Social Science Teaching Coordinator. Co-requisite: EDP 2330. Note: SOS 2400 will be a new course beginning Fall 2017.~~ Credits: 1

2. Revise the course title, restriction, and prerequisites for SOS 3400.

SOS 3400 - Middle Level and Secondary Social Studies Teaching Methods. (3-1-3) On Demand. S. Preparation to teach array of social studies classes in secondary schools: U.S. history, world history, civics, and social studies electives **in middle and secondary classrooms**. Theoretical and methodological consideration as well as emphasis on practical application, historical thinking, social studies literacy, strategy-based instruction, and reflective teaching. Fifteen hours in clinical experiences are required. This course is designed to meet the needs of students who will receive Social Science Teaching Licensure. It is restricted to History Teacher Licensure and Social Science Teaching majors. Prerequisites & Notes: **A grade of "C" or better in SED 2000; SOS 2400; EDP 2330 (old EDP 3331) or permission of the Social Science Teaching Coordinator. Passing score on the TAP, ACT, or SAT; completion of SOS 2400 with a C or better; or permission of Social Science Teaching Coordinator.** Credits: 3

CEPS

Effective Fall 2017

1. Delete the following courses from the catalog:
ELE 2000, 2320, 2321, 3000, 4000, ELE 40001, 40002, 4776, MLE 4000, MLE 40002, SED 3000, 3100, 4000, EDF 4450, HST 3196, HST 3199, REC 3985, EIU 4103G, KSS 2103, 2106, 2230, 2380, 3550, 4761, 4880, 4980B, and 4980T.

2. Remove the course prerequisites from HST 2900.

HST 2900 - Human Diseases. (3-0-3) F, S. A study of the occurrence and process of human infectious and chronic diseases. ~~Prerequisites & Notes: HST 2000 or permission of instructor.~~ Credits: 3

3. Delete the course prerequisites from HST 3560.

HST 3560 - Women's Health. (3-0-3) F, 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 & Notes: ENG 1002G and junior status or above, or permission of the instructor.~~ Credits: 3

4. Revise the course prerequisites for HST 3700.

HST 3700 - Community Health Behavior Methods. (3-0-3) F, S. Examination, discussion and application of the most commonly used health behavior theories in both individual and community-level contexts. WI Prerequisites & Notes: ENG 1002G, **and** HST 2270, HST 2800, or permission of the instructor. Credits: 3

- Amend the course prerequisites for HST 4770.

HST 4770 - Health Services Administration. (3-0-3) F, S. Examination of the health service sector, applications of administrative and management concepts, including social administration, biomedical and business ethics, and management theory. WI Prerequisites & Notes: ENG 1002G, HST 2270, HST 3700, HST 3750 and Senior class status; or permission of the instructor. Credits: 3

COS

Effective Fall 2017

- Add the online delivery mode to CDS 2000, 2100, 2500, 2800, 3100, 3200, 3500, 3700, 4300, 4350, 4600, 4810, and 4815.
- Remove BIO 1100, 1200G, 1300G, 2200, and 3800 from the catalog.
- Delete ECN 3833, 4505, 4511, 4520, and 4813 from the catalog.
- Eliminate MAT 1310, 1340, 4800, 4810D, and 4810E from the catalog.
- Expunge PHY 3010A, 3010B, and 3090 from the catalog.
- Delete the online restriction to off-campus students for PHY 1052G.

PHY 1052G - Adventures in Physics. (3-0-3) F, S. An introduction to the universal laws of nature, their governance of phenomena in everyday life, and their application to inventions in our technological society. PHY 1053G must be taken concurrently. ~~Online sections are available to off-campus students only.~~ P1 901 Credits: 3

- Remove the online restriction to off-campus students for PHY 1053G.

PHY 1053G - Adventures in Physics Laboratory. (0-2-1) F, S. Experimental work demonstrating physical principles and their applications. PHY 1052G must be taken concurrently. ~~Online sections are available to off-campus students only.~~ P1 901L Credits: 1

- Revise the Pre-Health Professions option to change the introductory biology course sequence replacing BIO 1300G with BIO 1500.

Pre-Health Professions

Minimum Requirements:

- **BIO1500 General Biology. Credits: 4**
- ~~BIO 1300G - Animal Diversity. Credits: 4~~
- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
- CHM 1415 - General Chemistry Laboratory II. Credits: 1
- CHM 2440 - Organic Chemistry I. Credits: 3
- CHM 2445 - Organic Chemistry Laboratory I. Credits: 1
- CHM 2840 - Organic Chemistry II. Credits: 3
- CHM 2845 - Organic Chemistry Laboratory II. Credits: 1
- ENG 1001G - College Composition I: Critical Reading & Source-Based Writing. Credits: 3
- ENG 1002G - College Composition II: Argument & Critical Inquiry. Credits: 3

AND

- PHY 1151G - Principles of Physics I. Credits: 3
- PHY 1152G - Principles of Physics I Laboratory. Credits: 1
- PHY 1161 - Principles of Physics II. Credits: 3
- PHY 1162 - Principles of Physics II Laboratory. Credits: 1

OR

- PHY 1351G - General Physics I. Credits: 3
 - PHY 1352G - General Physics I Laboratory. Credits: 1
 - PHY 1361 - General Physics II. Credits: 3
 - PHY 1362 - General Physics II Laboratory. Credits: 1
9. Update the list of Clinical Laboratory Science major introductory biology courses to reflect the change in the introductory biology course sequence replacing BIO 1100 and BIO 1300G with BIO 1500 and BIO 1550G.

Clinical Laboratory Science (B.S.)**Major**

Semester Hours required for the Clinical Laboratory Science Major: 82-89 semester hours

The Clinical Laboratory Science Major comprises:

Biology Requirements (24 hours)

- ~~BIO 1300G - Animal Diversity. Credits: 4~~
- **BIO 1500- General Biology I. Credits: 4**
- **BIO 1550G- General Biology II. Credits: 4**
- BIO 3120 - Molecular and Cellular Biology. Credits: 4
- BIO 3210 - Immunology. Credits: 4
- BIO 3300 - General Microbiology. Credits: 4

AND

- BIO 2001G - Human Physiology. Credits: 4
 - or
 - BIO 3520 - Animal Physiology. Credits: 4
 - or
 - BIO 2220 - Anatomy and Physiology II. Credits: 4
- (Note: BIO 2210 must be taken first and counted as an elective.)

COS**Effective Spring 2018**

1. Add the online delivery mode for MAT 2110G and 1160G.
2. Change the course prerequisites for BIO 1001G.

BIO 1001G - 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. Credit for BIO 1001G will not be granted if the student already has credit for or registration in BIO 1091G or **BIO 1500** ~~BIO 1100~~. L1 900L Credits: 3

3. Revise the course prerequisites for BIO 1002G.

BIO 1002G - Practical Botany. (2-2-3) This course will introduce students to the importance of plants in their daily lives. General botanical principles will be taught with emphasis on instructing students in methods of identification, growth and maintenance of plants used in landscaping, gardening, and interiorscaping. Does not count toward the Biological Sciences major or minor. Credit for BIO 1002G will not be granted if the student already has credit for or registration in BIO 1092G or **BIO 1550G** ~~BIO 1200G~~. Credits: 3

4. Amend the course prerequisites for BIO 1003G.

BIO 1003G - 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. Credit for BIO 1003G will not be granted if the student already has credit for or registration in BIO 1093G or **BIO 1550G** ~~BIO 1300G~~. Credits: 3

5. Update the course prerequisites for BIO 1091G.

BIO 1091G - Biological Principles and Issues, Honors. (2-2-3) The study of the fundamental processes and structures common to all living things. Current issues in the biological sciences will be addressed. Does not count toward the Biological Sciences major or minor. Credit for BIO 1091G will not be granted if the student already has credit for or registration in BIO 1001G or **BIO 1500** ~~BIO 1100~~. L1 900L WI Prerequisites & Notes: Admission to the University Honors College. Credits: 3

6. Revise the course prerequisites for BIO 1092G.

BIO 1092G - Practical Botany, Honors. (2-2-3) This course will introduce students to the importance of plants in their daily lives. Emphasis will be placed on students learning 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. Credit for BIO 1092G will not be granted if the student already has credit for or registration in BIO 1002G or **BIO 1550G** ~~BIO 1200G~~. Prerequisites & Notes: Admission to the University Honors College. Credits: 3

7. Modify the course prerequisites for BIO 1093G.

BIO 1093G - Life of Animals, Honors. (2-2-3) 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. Does not count toward the Biological Sciences major or minor. Credit for BIO 1093G will not be granted if the student already has credit for or registration in BIO 1003G or **BIO 1550G** ~~BIO 1300G~~. WI Prerequisites & Notes: Admission to the University Honors College. Credits: 3

8. Change the course prerequisites for BIO 1180.

BIO 1180 - Principles of Biological Investigations. (1-3-1) On Demand. This is a half-semester course that offers hands-on, guided research opportunity in the context of early stage college experience to allow students in Biological Sciences major to be immersed in the process of scientific inquiry outside of a lecture format. This course will be restricted to students majoring in Biological Sciences. A limit of 1 hour may be applied to a major. Prerequisites & Notes: ~~BIO 1100~~ **BIO 1500** and permission of the instructor. ~~BIO 1100~~ **BIO 1500** can be repeated after BIO 1180 for credit and a grade recalculation. Credits: 1

9. Revise the course prerequisites for BIO 2210.

BIO 2210 - Anatomy and Physiology I. (3-3-4) Comprehensive survey of human anatomy and physiology. First of a two-semester sequential course that covers the structure and function of cells and tissues, and a systematic approach to the integumentary, skeletal, muscular, nervous, and endocrine systems. Includes a laboratory component with identification of anatomical structures in models and cadavers and hands-on physiological experiments. Equivalent course: BIO 2200. Prerequisites & Notes: BIO 1001G, or ~~BIO 1100 or BIO 1300G~~ **BIO 1500 or BIO 1550G** or KSS 2440. Credits: 4

10. Adjust the course prerequisites for BIO 2320.

BIO 2320 - Economic Botany – Role of Plants in the World Economy. (3-0-3) S. The impact of plants and plant products on the world economy, with emphasis on the U. S. economy. Course also includes information on the origin, development, diversity and future impact of plants and plant products on the world economy. Prerequisites & Notes: **BIO 1200G** **BIO 1550G** or permission of the instructor. Credits: 3

11. Modify the course prerequisites for BIO 3120.

BIO 3120 - Molecular and Cellular Biology. (2-4-4) F, S. A class on the biology of cells, with respect to the structures, functions, and interactions of biomolecules and organelles, to help students understand the molecular underpinnings of life. The laboratory portion of the class provides integrated experiments to allow students to learn and practice basic molecular biology techniques. Course replaces former courses BIO 3100 and BIO 3101. Prerequisites & Notes: **BIO 1100**, **BIO 1500**, CHM 1410, and CHM 1415. Credits: 4

12. Update the course prerequisites for BIO 3300.

BIO 3300 - 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. Prerequisites & Notes: **BIO 1100** **BIO 1500**. Credits: 4

13. Change the course prerequisites for BIO 3312.

BIO 3312 - Horticulture. (2-2-3) The principles and practices of indoor and outdoor home gardening with emphasis on practical applications of horticulture. Prerequisites & Notes: **BIO 1200G** **BIO 1550G**. Credits: 3

14. Revise the course prerequisites for BIO 3322.

BIO 3322 - Dendrology. (2-3-3) 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. Prerequisites & Notes: **BIO 1200G**, **BIO 1550G**. Credits: 3

15. Update the course prerequisites for BIO 3450A.

BIO 3450A - Independent Study I. (Arr.-Arr.-1-3) (Credit/No Credit) Individual study on a topic in biology selected by the student under the supervision of an instructor. May be repeated once for credit. Prerequisites & Notes: **BIO 1100**, **1200G**, **1300G** **BIO 1500**, **BIO 1550G** and permission of the department chairperson and instructor. This course is not intended for students who wish to complete a research project. Credits: 1 to 3

16. Amend the course prerequisites for BIO 3450B.

BIO 3450B - Independent Study II. (Arr.-Arr.-1-3) (Credit/No Credit) Individual study on a topic in biology selected by the student under the supervision of an instructor. May not be repeated for elective credit. Prerequisites & Notes: **BIO 1100**, **1200G**, **1300G** **BIO 1500**, **BIO 1550G** and permission of the department chairperson and instructor. This course is not intended for students who wish to complete a research project. Must complete BIO 3450A twice. Credits: 1 to 3

17. Change the course prerequisites for BIO 3451A.

BIO 3451A - Undergraduate Research I. (Arr.-Arr.-1-3) (Credit/No Credit) 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 once for credit to a maximum of three semester hours for elective credit in the major from BIO 3451A and 3451B. Prerequisites & Notes: **BIO 1100, 1200G, 1300G** **BIO 1500, BIO 1550G** and approval of instructor and department chairperson. Credits: 1 to 3

18. Modify the course prerequisites for BIO 3451B.

BIO 3451B - Undergraduate Research II. (Arr.-Arr.-1-2) (Credit/No Credit) 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 once for credit to a maximum of three semester hours for elective credit in the major from BIO 3451A and 3451B. Prerequisites & Notes: **BIO 1100, 1200G, 1300G** **BIO 1500, BIO 1550G** and approval of instructor and department chairperson. Must have completed BIO 3451A twice. Credits: 1 to 2

19. Adjust the course prerequisites for BIO 3510.

BIO 3510 - Plant Physiology. (2-4-4) The study of water relations, mineral nutrition, phytohormones, photosynthesis, respiration and physiological ecology. Prerequisites & Notes: **BIO 1200G** **BIO 1550G** and BIO 3120; or CHM 3450. Credits: 4

20. Revise the course prerequisites for BIO 3612.

BIO 3612 - Plant Evolution and Diversity. (2-3-3) The morphology, anatomy, life cycles, and evolutionary history of plants, including bryophytes, ferns and fern allies, gymnosperms, and angiosperms. Prerequisites & Notes: **BIO 1200G** **BIO 1550G**. Credits: 3

21. Amend the course prerequisites for BIO 3620.

BIO 3620 - 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. Prerequisites & Notes: **BIO 1300G** **BIO 1550G** and junior-level standing. Credits: 4

22. Update the course prerequisites for BIO 3622.

BIO 3622 - 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. Prerequisites & Notes: **BIO 1300G** **BIO 1550G**. Credits: 4

23. Change the course prerequisites for BIO 3710.

BIO 3710 - Plant – Animal Interactions. (3-0-3) S-even-numbered years. The course examines diverse interactions between plants and animals, including exploitative, commensal, and mutualistic relationships, as well as those indirectly affecting or mediated by third parties involved in multi-trophic interactions, such as fungi and bacteria. Prerequisites & Notes: **BIO 1200G and BIO 1300G** **BIO 1550G**. Credits: 3

24. Revise the course prerequisites for BIO 3740.

BIO 3740 - Clinical Mycology. (3-0-3) F. An introduction to the fungi which cause superficial, subcutaneous and systemic infections in humans and other vertebrate organisms with an emphasis on the history, classification, morphology, epidemiology, pathogenesis, histopathology, clinical treatment and prevention of the diseases fungi cause. Prerequisites & Notes: ~~BIO 1200G and BIO 1300G~~ **BIO 1550G** or permission of instructor. Credits: 3

25. Change the course prerequisites for BIO 3810.

BIO 3810 - Freshwater Ecology. (1-4-3) The physical environment and biological communities involved in fresh water ecosystems. Prerequisites & Notes: ~~BIO 1200G and BIO 1300G~~ **BIO 1550G**, CHM 1310G, and 1315G. Credits: 3

26. Modify the course prerequisites for BIO 3850.

BIO 3850 - Environmental Health and Sustainability. (3-3-4) An introduction to the principles of environmental sciences for biology majors. This course investigates the foundations of environmental science with particular attention to environmental problems from a biological perspective and the costs and benefits to their "solutions" from the local to global scale. This course pays particular attention to how to analyze, interpret and present scientific information in the life sciences. Prerequisites & Notes: ~~BIO 1200G and BIO 1300G~~ **BIO 1550G**. Credits: 4

27. Update the course prerequisites for BIO 3950.

BIO 3950 - Vertebrate Natural History. (2-3-3) The natural history of vertebrates including distribution, reproduction, behavior, evolution, and phylogeny. WI Prerequisites & Notes: ~~BIO 1300G~~ **BIO 1550G**. Credits: 3

28. Change the course prerequisites for BIO 3952.

BIO 3952 - Invertebrate Natural History. (2-3-3) 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. WI Prerequisites & Notes: ~~BIO 1300G~~ **BIO 1550G**. Credits: 3

29. Update the course prerequisites for BIO 3960A.

BIO 3960A - Special Topics. (Arr.-Arr.-1-4) On Demand. Reading discussions, reports, on-campus and off-campus fieldwork on topics in biological sciences not ordinarily treated in existing courses. Topics to be announced. May be repeated once to a maximum of eight semester hours of credit in BIO 3960 courses with permission of the department chairperson. Prerequisites & Notes: ~~BIO 1100, 1200G, 1300G~~ **BIO 1500, BIO 1550G** and permission of the department chairperson and instructor. Credits: 1 to 4

30. Adjust the course prerequisites for BIO 4892.

BIO 4892 - Introduction to Paleobotany. (3-2-4) 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 & Notes: ~~BIO 1200G~~ **BIO 1550G** or permission of instructor. Credit not granted for both GEO 4892 and BIO 4892. Credits: 4

31. Modify the course prerequisites for BIO 4914.

BIO 4914 - Plant Anatomy. (2-3-3) F. A comprehensive study of the internal structure of vascular plants, focusing primarily on the anatomy of seed plants. The course emphasizes plant development and structural-functional relationships. The laboratory component of this class will introduce students to basic microtechniques and emphasize microscopic plant structure. Restriction: Junior status. Prerequisites & Notes: **BIO 1200G** **BIO 1550G** or at least 9 semester hours in the biological sciences major. Credits: 3

32. Change the course prerequisites for BIO 4920.

BIO 4920 - Medicinal Plants. (3-0-3) On Demand. A worldwide survey of the past and present human utilization of plants and plant products as medicines, including their chemical constituents and natural and cultural history. WI Prerequisites & Notes: **BIO 1200G** **BIO 1550G** or equivalent. Credits: 3

33. Amend the course prerequisites for BIO 4940.

BIO 4940 - Phycology. (2-3-3) Introduction to algal biology; emphasis is placed on freshwater algae including the study of classification, life-history, physiology, ecology, and evolution. Prerequisites & Notes: **BIO 1200G** **BIO 1550G** Credits: 3

34. Revise the course prerequisites for BIO 4942.

BIO 4942 - Mycology. (2-3-3) 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. WI Prerequisites & Notes: **BIO 1200G** **BIO 1550G**. Credits: 3

35. Change the course prerequisites for BIO 4944.

BIO 4944 - Lichens. (2-3-3) Systematic survey of the lichens, including their physiology, growth and development, reproduction, ecology, economic importance, and classification. Field trips required. WI Prerequisites & Notes: **BIO 1200G** **BIO 1550G**. Credits: 3

36. Update the course prerequisites for BIO 4946.

BIO 4946 - Bryology. (1-4-3) The structure, identification, life-history, and importance of the mosses and liverworts. Fall field trip is required. Prerequisites & Notes: **BIO 1200G** **BIO 1550G**. Credits: 3

37. Amend the course prerequisites for BIO 4948.

BIO 4948 - Plant Taxonomy. (1-4-3) The classification and evolution of flowering plants. Emphasis on learning common families and field techniques, especially specimen preparation. Saturday field trip required. Prerequisites & Notes: **BIO 1200G** **BIO 1550G**. Credits: 3

38. Adjust the course prerequisites for BIO 4958.

BIO 4958 - Parasitology. (3-3-4) F. A study of parasitism as a symbiotic relationship; to include identification, systematics, life histories, pathology, and control of common parasites of animals, including humans. Prerequisites & Notes: **BIO 1300** **BIO 1550G** or permission of instructor. Credits: 4

39. Revise the course prerequisites for BIO 4960.

BIO 4960 - Wetland and Aquatic Vascular Plants. (2-3-3) F-odd-numbered years. The study of the taxonomy and ecology of wetland and aquatic plants, emphasizing those occurring in the Midwest. Field trips required. Prerequisites & Notes: **BIO 1200G** **BIO 1550G**. Credits: 3

40. Change the course prerequisites for BIO 4964.

BIO 4964 - Entomology. (3-3-4) F. A study of insects, and closely related arthropods, with regard to identification, ecology, morphology, physiology, and evolution. Methods of collection and specimen preparation are included. WI Prerequisites & Notes: **BIO 1300** **BIO 1550G** or permission of instructor. Course may not be repeated. Credits: 4

41. Amend the course prerequisites for BIO 4984.

BIO 4984 - Organic Evolution. (3-0-3) Fundamental principles of organic evolution stressing historical fact, evidences for and processes common to all biota. WI Prerequisites & Notes: **BIO 1100, 1200G, 1300G** **BIO 1500, BIO 1550G**, 3200, and senior-level standing. Credits: 3

42. Add the online delivery mode and a course restriction to EIU 4101G.

EIU 4101G - 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, **Geography** and Geology majors are excluded. WI Prerequisites & Notes: Completion of 75 semester hours. Credits: 3

43. Add the online delivery mode and a course restriction to EIU 4190G.

EIU 4190G - Spaceship Earth: The Present State, Honors. (4-0-4) F, S, Su. The course will be a science-based, holistic discussion of the Earth's problems, potentials, and limitations. Topics will include population and its control, resource management, pollution, the relationship of religions and rights on a multinational to individual scale, and other appropriate current global topics. Biological Sciences, **Geography** and Geology majors are excluded. WI Prerequisites & Notes: 75 semester hours completed and admission to University Honors College. Credits: 4

44. Revise the prerequisite for MAT 2270.

MAT 2270 - Technology in Mathematics. (2-1-3) S. The focus of this course is how to use technology to investigate, model, simulate, and solve mathematical problems. Authentic and involved mathematical tasks and situations will be presented from a broad range of topics. Attention is given to the appropriate uses of technology and the potential drawbacks of technology in the secondary classroom. Laboratory experiences will include (but are not limited to) graphing calculators, Computer Algebra Systems, statistical tools, and dynamic geometry software. WI Prerequisites & Notes: **CSM 2170** **MAT 1441G with a grade of "C" or better**. Credits: 3

SCE**Effective Fall 2017**

Note: The following course description replaces the one which appears in the April 20, 2017 CAA minutes. Please see pages one and two of these minutes for details.

1. Revise the course title and prerequisites for BGS 3001.

BGS 3001 - BGS Prior Learning Portfolio. (3-0-3) A writing intensive course focusing on the process of analyzing and documenting a prior learning experience in portfolio form. Emphasis is on analysis of prior learning, information access as it pertains to prior learning assessment and further development of writing skills. WI Prerequisites & Notes: Admission to the BGS Degree Program and Permission of the instructor. **This course is open only to students in the BGS Degree Program, Organizational & Professional Development majors, and Nursing majors.** Credits: 3

Pending Executive Actions:

None.

Attachment A

Political Science Honors Program

Prerequisites

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 courses listed below. Permission of the Dean of the Honors College 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 Dean of the Honors College and Departmental Honors Coordinator.

- PLS 1153G - American Government and Constitution. Credits: 3
or
- PLS 1193G - American Government and Constitution, Honors. Credits: 3
- ~~PLS 2001 - Introduction to Research Methods in Political Science. Credits: 1~~
- PLS 2033 - Research Methods in Political Science. Credits: 3

And at least two of the following:

- PLS 1003 - Introduction to Comparative Politics. Credits: 3
or
- PLS 2253G - Introduction to International Relations. Credits: 3
or
- PLS 2293G - Introduction to International Relations, Honors. Credits: 3
- PLS 2103 - Introduction to Political Theory. Credits: 3
- PLS 2703 - Introduction to Public Policy. Credits: 3

Departmental Honors Requirements

- PLS 4444 - Honors Independent Study. Credits: 3
(See Footnote *)
- PLS 4555 - Honors Research. Credits: 3
(See Footnote **)
- PLS 4644 - Honors Thesis. Credits: 3
(See Footnote **)

And Political Science 5000 through 5499 Graduate Seminar. Credits: 3

The graduate seminar required of honors students may count toward a field elective or a field requirement in the major with the prior approval of the Departmental Chairperson and the Departmental Honors Coordinator.

Footnotes:

* Honors Independent Study counts towards the "Applied Political Science Experience."

** Honors Research and Honors Thesis may count towards the 12 hours of field electives in the major.