



SCIENCE WITH TEACHER EDUCATION

BIOLOGICAL SCIENCES SPECIALIZATION
AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

SP22

GENERAL EDUCATION: 30-38 HRS

LANGUAGE: 9 HRS

Course	Hours	Grade	Semester
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Literature	3		
CMN 1310G Intro to Speech	3		

Grade of "C" or better is required

SCIENCE AWARENESS: 7HRS

Completed in major.

MATHEMATICS: 3-5 HRS

Completed in major.

HUMANITIES/FINE ARTS*: 9 HRS

Course	Hours	Grade	Semester
Humanities	3		
Fine Arts	3		
Humanities / Fine Arts	3		

SOCIAL/BEHAVIORAL SCIENCES*: 9 HRS

Course	Hours	Grade	Semester
PLS 1153G Am Govt and Constitution OR HIS 3600G US Constitution & the Nation	3		
EDF 2555G* Education in a Diverse Society	3		

SENIOR SEMINAR: 3 HRS

Course	Hours	Grade	Semester
EIU _____	3		

Seminar topic must be outside the major area. See Undergraduate Catalog for Senior Seminars that exclude Biological Sciences majors.

FOREIGN LANGUAGE: 0-8 HRS

EXEMPT? YES NO

Exempt if 2yrs in high school of a single foreign language with average grade of "C" or better.

Course	Hours	Grade	Semester

* One course must meet Cultural Diversity requirement.

SCIENCE CORE: 71 HRS

Course	Hours	Grade	Semester
BIO 1500 General Biology I	4		
BIO 1550G* General Biology II	4		
BIO 2210* Anatomy & Physiology I	4		
BIO 2220* Anatomy & Physiology II	4		
BIO 3120* Molecular & Cell Biology	4		
BIO 3200* Genetics	4		
BIO 3400* Methods of Teaching	4		
BIO 3180* Ecology and Evolution	4		
GEO 1300G Earth Science	4		
GEO 1400G Weather and Climate	4		
GEO 2450G Oceanography	3		

CHM 1310G* General Chemistry I	3		
CHM 1315G* General Chemistry I Lab	1		
CHM 1410* General Chemistry II	3		
CHM 1415* General Chemistry II Lab	1		
CHM 2730* Quantitative Analysis	3		
CHM 3100* Practicum in Chemistry	1		
PHY 1055G Principles of Astronomy	3		
PHY 1056G Principles of Astronomy Lab	1		
PHY 1151G* Principles Physics I	3		
PHY 1152G* Principles Physics I Lab	1		
PHY 1161G* Principles Physics II	3		
PHY 1162G* Principles Physics II Lab	1		
MAT 2250G* Elementary Statistics	4		

*Additional prerequisite classes may be required. See Undergraduate Catalog

EDUCATION COURSES: 31 HRS

Course	Hours	Grade	Semester
SED 2000 Introduction to Teaching	2		
EDP 2330 Educational Psychology	3		
SED 3330 Instructional Tasks in the Sec. Sch.	4		
SED 4330 Literacy, Assessment, Differentiation	3		
SPE 4500 Education of Individuals with Exc.	3		
EDF 4550 Critical Focus on Education	3		
STG 4000 Multicultural/Disabilities Practicum	1		
STG 4001 Student Teaching	12		

BE PREPARED: UPDATE THIS FORM BEFORE MEETING WITH YOUR ADVISOR

SCIENCE WITH TEACHER EDUCATION SUGGESTED COURSE SEQUENCE:

This sequence ensures that courses will be taken in the required order. It may or may not be possible to follow the sequence exactly, depending on each semester's course schedule. Some courses have prerequisites that are not included here; see the Undergraduate Catalog for details.

YEAR 1	FIRST SEMESTER (14 HOURS)	SECOND SEMESTER (14 HOURS)
Must earn 30+ SH for Sophomore Status	ENG 1001G (3) Composition & Language BIO 1500 (4) General Biology I GEO 1300G (4) Intro to Earth Science EDF 2555G (3) Education in a Diverse Society	ENG 1002G (3) Composition & Language BIO 1550 (4) General Biology II PHY 1055G (3) Principles of Astronomy & PHY 1056G (1) Principles of Astronomy Lab ¹ Gen Ed Elective (3) Humanities
YEAR 2	FIRST SEMESTER (16 HOURS)	SECOND SEMESTER (15 HOURS)
Must earn 60+ SH for Junior Status	BIO 2210 (4) Anatomy & Physiology I CMN 1310G (3) Intro. Speech Communication CHM 1310G (3) General Chemistry I & CHM 1315G (1) General Chemistry I Lab GEO 2450G (3) Oceanography SED 2000 (2) Intro to Teaching	BIO 2220 (4) Anatomy & Physiology II MAT 2250G (4) Statistics CHM 1410 (3) General Chemistry II & CHM 1415 (1) General Chemistry II Lab EDP 2330 (3) Educational Psychology
YEAR 3	FIRST SEMESTER (14 HOURS)	SECOND SEMESTER (14 HOURS)
Must earn 90+ SH for Junior Status	BIO 3120 (4) Molecular & Cell Biology PHY 1151G (3) Principles of Physics I & PHY 1152G (1) Principles of Physics I Lab CHM 2730 (3) Quantitative Analysis BIO 3400 (3) Methods of Teaching	PHY 1161 (3) Principles of Physics II & PHY 1162 (1) Principles of Physics II Lab GEO 1400G (4) Weather and Climate EDF 4550 (3) Critical Focus on Education PLS 1153G/HIS 3600 (3) American Government
YEAR 4	FIRST SEMESTER (15 HOURS)	SECOND SEMESTER (13 HOURS)
	BIO 3200 (4) Genetics CHM 3100 (1) Practicum in Chemistry BIO 3180 (4) Ecology & Evolution Gen Ed Elective (3) Fine Arts ¹ Gen Ed Elective (3) Social/Behavioral Sciences	SED 3330 (4) Instruct. Tasks in the Sec. School SED 4330 (3) Literacy, Assessment, & Diff. SPE 4500 (3) Ed. of Individuals with Except. ¹ Gen Ed Elective (3) Humanities or Fine Arts EIU _____ (3) Senior Seminar Exit Interview
YEAR 5	FIRST SEMESTER (13 HOURS)	
Must earn 120 SH to graduate	STG 4000 (1) Multicultural/Disabilities Practicum STG 4001 (12) Student Teaching	

¹ General Education Elective

The suggested schedule sequence assumes that the foreign language requirement has been completed.

GRADUATION REQUIREMENTS:

120 Semester Hours (SH)	2.65 Cumulative GPA	Notes:
40 SH of upper division courses (3000+)	2.65 Major GPA	
42 SH in residence at EIU	"C" or better in each course used toward degree	
32 SH junior-senior residency	Application for Graduation (First semester junior year)	
12 SH senior residency	Exit Interview (Final semester on campus)	
56 SH at senior institution	Electronic Writing Portfolio 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> See www.eiu.edu/assess for requirements	