



# SCIENCE WITH TEACHER LICENSURE

AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

2023-2024

## GENERAL REQUIREMENTS: 30-38 HRS

### LANGUAGE: 9 HRS

Grade of "C" or better is required.

COURSE	HOURS	GRADE	SEMESTER
<b>ENG 1001G</b> Composition & Language	3		
<b>ENG 1002G</b> Composition & Language II	3		
<b>CMN 1310G</b> Intro. to Speech Comm.	3		

### HUMANITIES/FINE ARTS: 9 HRS

COURSE	HOURS	GRADE	SEMESTER
<b>Humanities</b> _____	3		
<b>Fine Arts</b> _____	3		
<b>Humanities or Fine Arts</b> _____	3		

### SENIOR SEMINAR: 3 HRS

Senior topic must be outside the major area. See Undergraduate Catalog for Senior Seminars outside of Biological Sciences.

COURSE	HOURS	GRADE	SEMESTER
<b>EIU</b> _____	3		

## SCIENCE CORE: 71 HRS

BIOLOGY COURSES	HOURS	GRADE	SEMESTER
<b>BIO 1500</b> General Biology I	4		
<b>BIO 1550G</b> General Biology II	4		
<b>BIO 2210*</b> Anatomy & Physiology I	4		
<b>BIO 2220*</b> Anatomy & Physiology II	4		
<b>BIO 3120*</b> Molecular & Cell Biology	4		
<b>BIO 3180*</b> Ecology & Evolution	4		
<b>BIO 3200*</b> Genetics	4		
<b>BIO 3400*</b> Methods of Teaching	4		
MATH COURSES	HOURS	GRADE	SEMESTER
<b>MAT 2250G*</b> Elementary Statistics	4		
GEOLOGY COURSES	HOURS	GRADE	SEMESTER
<b>GEO 1300G</b> Earth Science	4		
<b>GEO 1400G</b> Weather & Climate	4		
<b>GEO 2450G</b> Oceanography	3		

## SOCIAL/BEHAVIORAL SCIENCE: 9 HRS

Must be from two different disciplines. One course must meet Cultural & Diversity requirement

COURSE	HOURS	GRADE	SEMESTER
<b>PLS 1153G</b> American Govt & Constitution <b>OR HIS 3600G</b> US Constituion & Nation	3		
<b>EDF 2555G*</b> Education in Diverse Society	3		
	3		

## FOREIGN LANGUAGE: 0-8 HRS

Exempt if 2 yrs in high school with "C" average.

COURSE	HOURS	GRADE	SEMESTER
<b>WL</b> _____ <b>G</b>	4		
<b>WL</b> _____ <b>G</b>	4		

## SCIENCE AWARENESS: 7 HRS

Complete in major.

## MATHEMATICS: 3-5 HRS

Complete in major.

CHEMISTRY COURSES	HOURS	GRADE	SEMESTER
<b>CHM 1310G*</b> General Chemistry I	3		
<b>CHM 1315G*</b> General Chemistry I Lab	1		
<b>CHM 1410*</b> General Chemistry II	3		
<b>CHM 1415*</b> General Chemistry II Lab	1		
<b>CHM 2730*</b> Quantitative Analysis	3		
<b>CHM 3100*</b> Practicum in Chemistry	1		
PHYSICS COURSES	HOURS	GRADE	SEMESTER
<b>PHY 1055G</b> Principles of Astronomy	3		
<b>PHY 1056G</b> Principles of Astronomy Lab	1		
<b>PHY 1151G*</b> Principles Physics I	3		
<b>PHY 1152G*</b> Principles Physics I Lab	1		
<b>PHY 1161*</b> Principles Physics II	3		
<b>PHY 1162*</b> Principles Physics II Lab	1		

\*Additional prerequisite classes may be required. See Undergraduate Catalog

## EDUCATION COURSES: 31 HRS

BIOLOGY COURSES	HOURS	GRADE	SEMESTER
<b>SED 2000</b> Introduction to Teaching	2		
<b>EDP 2330</b> Educational Psychology	3		
<b>SPE 4500</b> Education of Individuals with Exceptional Learning Needs	3		
<b>SED 3330</b> Instructional Tasks in the Secondary School	4		
<b>SED 4330</b> Literacy, Assessment, Differentiation	3		
<b>EDF 4550</b> Critical Focus on Education	3		
<b>STG 4000</b> Multicultural/Disabilities Practicum	1		
<b>STG 4001</b> Student Teaching	12		

## GRADUATION REQUIREMENTS:

<input type="checkbox"/> 120 Hours
<input type="checkbox"/> 40 SH of upper division courses (3000+)
<input type="checkbox"/> 30 SH in residence at EIU
<input type="checkbox"/> 30 SH junior-senior residency
<input type="checkbox"/> 12 SH senior residency
<input type="checkbox"/> 2.65 Cumulative GPA

<input type="checkbox"/> 2.65 Major GPA
<input type="checkbox"/> Cultural Diversity
<input type="checkbox"/> Application for Graduation (First semester junior year)
<input type="checkbox"/> Electronic Writing Portfolio 1 <input type="checkbox"/> 2 <input type="checkbox"/>
See <a href="http://www.eiu.edu/~assess/">www.eiu.edu/~assess/</a> for requirements

# SCIENCE WITH TEACHER EDUCATION

## SUGGESTED 4-YEAR SEQUENCE

<b>YEAR 1</b> MUST EARN 30+ SH FOR SOPHOMORE STATUS			
<b>FALL</b>		<b>SPRING</b>	
ENG 1001G	3	ENG 1002G	3
BIO 1500	4	BIO 1550G	4
GEO 1300G	4	PHY 1055G/1056G	4
EDF 2555G	3	<sup>1</sup> Gen Ed Elect. Humanities	3
Total	14	Total	14
<b>YEAR 2</b> MUST EARN 60+ SH FOR JUNIOR STATUS			
<b>FALL</b>		<b>SPRING</b>	
BIO 2210	4	BIO 2200	4
CMN 1310G	3	MAT 2250G	4
CHM 1310G/1315G	4	CHM 1410/1415	4
GEO 2450G	3	EDP 2330	3
SED 2000	2		
Total	16	Total	15
<b>YEAR 3</b> MUST EARN 90+ SH FOR SENIOR STATUS			
<b>FALL</b>		<b>SPRING</b>	
BIO 3120	4	PHY 1161/1162	4
PHY 1151G/1152G	4	GEO 1400G	4
CHM 2730	3	EDF 4550	3
BIO 3400	3	PLS 1153G/HIS 3600G	3
Total	14	Total	14
<b>YEAR 4</b> MUST EARN 120 SH TO GRADUATE			
<b>FALL</b>		<b>SPRING</b>	
BIO 3200	4	SED 3300	4
CHM 3100	1	SED 4330	3
BIO 3180	4	SPE 4500	3
<sup>1</sup> Gen Ed Fine Arts	3	<sup>1</sup> Gen Ed Human/Fine Arts	3
<sup>1</sup> Gen Ed Social/Behavioral Sciences	3	EIU _____ Senior Sem	3
		Exit Interview	
Total	15	Total	16
<b>YEAR 5</b> MUST EARN 120 SH TO GRADUATE			
<b>FALL</b>			
STG 4000 Multicultural/Disabilities Practicum	1		
STG 4001 Student Teaching	12		
Total	13		

## NOTES, QUESTIONS, MINOR REQUIREMENTS:

<sup>1</sup> General Education Elective

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