

Advising for Secondary Education Certification

Indiana Life Science Grades 5-12 (Environmental Biology Major)

General Education Requirements -13 units



Core Curriculum Requirement (CCRs)	Units Req.	Course
FY Experience/FY Seminar	0.5	
LA-Literary and Artistic Perspectives #1	1.0	
LA-Literary and Artistic Perspectives #2	1.0	
HS-Historical and Social Perspectives #1	1.0	
HS-Historical and Social Perspectives #2	1.0	
RP- Philosophical Perspectives	1.0	
RP-Religious Perspectives	1.0	
SL-Algorithmic Methods	1.0	
SM-Mathematical Methods	1.0	
SM- Scientific Methods	1.0	
WL-World Languages and Cultures #1	1.0	
WL-World Languages and Cultures #2 (sequential)	2.0	
AF-Health and Fitness (Applied) #1	0.25	
AF-Health and Fitness (Applied) #2	0.25	
Total CCR units	13 units	
Areas of Competency and Engagement (ACES)		Course
W1-Writing	1	
W2-Writing	1	
S-Speaking	1	
CP-Cultural Perspectives	1	
QL- Quantitative Reasoning	1	
	5 units	

Educator Prep. Certification Requirements	Units Req.	Course Semester
EDU 221 Education and the American Culture	1	
EDU 231 Education Law and Ethics	1	
EDU 314 Teaching Middle School (EDU Admission Required)	1	
EDU 315 Teaching High School (EDU Admission Required)	1	
EDU 337 Secondary Methods in Sciences (EDU Admission Required)	1	
EDU 455 Student Teaching in Secondary Schools (EDU Admission Required)	4	
Cognate Courses (Required)		
PSY 111 Basic Principals of Psychology	1	
PSY 244 Childhood and Adolescence	1	
	11 total	

Optional Dual Licensure in Special Education Available (5 units)

**See Teaching Diverse Learners Program Advising Sheet*

Optional Dual Major in Secondary Education Available

**See Environmental Science Bio Track and Secondary Education Major Advising Sheet*

Environmental Science (Environmental Bio Track Major Requirements)	Units	Course Semester
<i>*no more than 1 unit of any combination BIO 308/309/380 can count toward graduation.</i>		
BIO 161 Ecology and Evolution	1	
BIO 185 Concepts of Biology	1	
BIO 221 Genetics	1	
BIO231 Biodiversity	1	
BIO ELECTIVE #1 FROM LIST BELOW*	1	
BIO ELECTIVE #2 FROM LIST BELOW*	1	
BIO ELECTIVE #3 FROM LIST BELOW (MUST BE AT 300 LEVEL)*	1	
BIO ELECTIVE #4 FROM LIST BELOW (MUST BE AT 300 LEVEL)*	1	
<i>*BIO 225,227,234,313,314,315,3156,317,332,333,335</i>		
ENV 201 Environmental Science Seminar (Year 1 or 2)	0.25	Winter Only
ENV 265 Global Environmental Change	1	
ENV 401 Environmental Science Senior Seminar	0.25	
ENV 457 or ENV 471 (Culminating Experience)	1	
ENV 499 Comprehensive Examination	-	
COGNATE COURSES		
CHE 161 Principles of Chemistry I	1	
GEO 16x or GEO 221 or GEO 241	1	
Total for Environmental Science Major (Biology Track)	12.5	

Please refer to the academic catalog for complete details on graduation requirements.

While the academic advisors and other personnel are available for assistance, the primary responsibility for taking appropriate and required courses to meet graduation requirements rests with the student.

Compliance with regulations established by the Indiana Department of Education may alter the Education Department policies, curricula, and course content regardless of the student's enrollment date in the program.

NOTES: