

Advising for Secondary Education Dual Major with
Indiana Biology Grades 5-12 (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	

Optional Dual Licensure in Special Education Available (5 units)

**See Teaching Diverse Learners Program Advising Sheet*

Secondary Education Major Additional Requirements	Units Req.	Course Semester
EDU 252 Professional Collaboration	1	
EDU 255 Classroom Management & PBIS	1	
EDU 306 Integrating Technologies in Instruction	1	
EDU 461 Education Senior Seminar	1	
EDU 499 Comprehensive examination	-	
	4 units ADDIT'L	

Biology Major Course Requirements

Biology Major Requirements <i>*No more than 1 unit of any combination of 308/309/380 can count toward graduation</i>	Units	Course Semester
BIO 161	1	
BIO 185	1	
BIO 221	1	
BIO Elective 1	1	
BIO Elective 2	1	
BIO Elective 3	1	
BIO Elective 4 (300 level - not 301, 307, 308, 309, 357, 370, 380)	1	
BIO Elective 5 (300 level - not 301, 307, 308, 309, 357, 370, 380)	1	
BIO 462 Culminating Experience	1	
BIO 499 Comprehensive Exam		
COGNATE COURSES		
CHEM 161 or equivalent	1	
CHEM 185	1	
Total for BIO major <i>*All courses except 301 have and integrated laboratory experience.</i>	11 TOTAL	

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: