

# Advising for Secondary Education Certification

## Indiana Earth Space Science Grades 5-12 (Geology 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	
<b>Total CCR units</b>	<b>13 units</b>	
Areas of Competency and Engagement (ACES)		Course
W1-Writing	1	
W2-Writing	1	
S-Speaking	1	
CP-Cultural Perspectives	1	
QL- Quantitative Reasoning	1	
	<b>5 units</b>	

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

Optional Dual Licensure in Special Education Available (5 units)

*\*See Teaching Diverse Learners Program Advising Sheet*

Optional Dual Major in Secondary Education Available

*\*See Geology and Secondary Education Dual Majors Advising Sheet*

Geology Major Requirements	Units	Course Semester
GEO 16x (CHOICE)	1	
GEO 220	1	
GEO 237 OR 239 OR FIELD BASED 260	1	
GEO ELECTIVE #1	1	
GEO ELECTIVE #2	1	
GEO ELECTIVE #3	1	
GEO ELECTIVE #4	1	
GEO 461 OR 471 Culminating Experience	1	
GEO 499 Comprehensive Exam	-	
<b>COGNATE COURSES</b>		
CHE 161	1	
AST 165 or 166 or PHY 185 or 186 (AST recommended for EDU)	1	
MAT 112 OR 121 OR 217	1	
<b>Total for GEOLOGY major</b>	<b>11</b>	
<i>*All courses except 301 have and integrated laboratory experience.</i>	<b>TOTAL</b>	

*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: