

Advising for Secondary Education Dual Majors with  
Indiana P-12 Mathematics (Mathematics Major)



Educator  
Preparation Program

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 335 Secondary Methods in Mathematics (EDU Admission Required)</b>	1	
<b>EDU 455 Student Teaching in Secondary Schools (EDU Admission Required)</b>	4	
<b>Cognate Courses (Required)</b>		
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*

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	-	
	<b>4 units ADDIT'L</b>	

Mathematics Major Requirements	Units		Course Semester
*Math Placement Test required – preparatory courses do not count toward the Mathematics major			
MAT 112/112 or 121 or equivalent	1		
MAT 122	1		
MAT 220 or 243	1		
MAT 221	1		
MAT 224	1		
MAT 324	1		
MAT 327	1		
MAT Elective #1	1		
MAT Elective #2 (300 level or higher) *MAT 339 req, EDU cert.	1		
MAT 461 or 471 (Culminating Experience)	1		
MAT 499 (Comprehensive Examination)	-		
<b>Cognate Courses</b>			
CS 220	1		
<b>Total for Mathematics Major</b>	<b>11 TOTAL</b>		

\*Recommended courses are: PHY 162, PHI 321

*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: