

Advising for Secondary Education Certification

Indiana Physics Grades 5-12 (Physics 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 Science (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 Physics and Secondary Education Dual Majors Advising Sheet Major Course Requirements*

Physics Major Requirements	Units	Course Semester
<i>*no more than 1 unit of any combination BIO 308/309/380 can count toward graduation.</i>		
PHY 162	1	
PHY 186	1	
PHY 225	1	
PHY 245	1	
PHY 301 X 2 terms	0.5	
PHY 320	1	
PHY 331	1	
PHY 332	1	
PHY340	1	
PHY 408/409 OR 471 (CULMINATING EXPERIENCE)	1	
PHY 499 COMPREHENSIVE EVALUATION	–	
Cognate Courses		
MAT 121	1	
MAT 122	1	
Total for Physics Major	11.5	
	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: