

BAED - Physics (Secondary)

General requirements for a Bachelor's degree: 120 minimum hours; overall GPA 2.500; major content GPA 2.500.

Course	Title	Hours
Requirements for a Major		
PHYS 213	General College Physics I	5
PHYS 214	General College Physics II	5
PHYS 195	Introduction to Modern Astronomy	3
PHYS 501	Special Studies in Physics for Educators	3
or PHYS 551	Topics in Modern Physics	
MATH 123	College Trigonometry	3
MATH 242	Calculus I	5
CHEM 211	General Chemistry I ¹	5
CHEM 212	General Chemistry II ¹	5
BIOL 210	General Biology I	4
GEOL 300	Energy, Resources and Environment ¹	3
Total Credit Hours		41

Course	Title	Hours
CI 270	Introduction to the Education Profession ²	3

Teacher Education - Middle and Secondary Majors (need a B- or better in all courses below)

Core I - Fall Only

CI 320	Introduction to Diversity: Exceptionalities	2
CI 321	Introduction to Diversity: Cultural Issues	2
CI 325	ISAM: Middle/Secondary General Methods	1
CI 315	Core I Practicum	1

Core II - Spring Only

CESP 433	Learning Assessment and Evaluation Theory: Evidence-Based Instruction ³	3
CI 425S	ISAM: Middle/Secondary Level Content-Specific Methods I - Sciences	2
CI 426S	Core II Practicum - Science	1
CI 427	Philosophy, History and Ethics of Education	3

Core III - Fall Only

CI 413S	Teaching Internship I: Secondary Level Sciences	2
CI 417	ISAM: Literacy Strategies in the Content Areas	2
CI 435S	ISAM: Middle/Secondary Level Content-Specific Methods II - Sciences	3
CI 505	Science Technology & Society	1
CI 780S	Technology in the Classroom: Science	2

Core IV - Spring Only

CI 436S	ISAM: Middle/Secondary Level Content-Specific Methods III - Sciences	2
CI 471S	Teaching Internship II: Secondary Level Sciences	10

Licensure Exams

PLT

Praxis II Science Content Knowledge Test	
Total Credit Hours	40

Course	Title	Hours
Additional College Requirements - counted as General Education		
CESP 334	Introduction to Diversity: Human Growth and Development	3
ENGL 315	Introduction to English Linguistics	3
or LING 315	Introduction to English Linguistics	
or ANTH 352	Anthropological Linguistics	
PSY 111	General Psychology	3
STAT 370	Elementary Statistics	3
Total Credit Hours		12

Course	Title	Hours
Electives		
Select 6 credit hours of electives (to complete 120 credit hours)		6
Total Credit Hours		6

¹ General education course

² B- or better.

³ If preferred, this class can be taken with Core III.

Official Program Transition Point Requirements:

- Admission into teacher education - completed application packet and meet all admission to teacher education requirements as specified in College of Applied Studies - Policies (<http://catalog.wichita.edu/undergraduate/applied-studies/#policiestext>).
- Admission to teacher internship:
 - Satisfactory accomplishment of content-area, standard-driven assessments,
 - B- or better in all professional teacher education courses,
 - 2.500 GPA (overall, WSU and content), and
 - Completed teacher intern application.
- Exit from teacher internship:
 - B- or better in all professional courses,
 - 2.500 GPA (overall and WSU),
 - Successful completion of all degree requirements,
 - Final university supervisor evaluation form.
- Degree completion:
 - 2.500 GPA (overall and WSU), and
 - Meets all degree requirements.
- Licensure recommendation:
 - Passes common assessments,
 - Passing score on Kansas Performance Teaching Portfolio,
 - PLT passed,
 - Praxis II content test(s) passed, and
 - Licensure application.

Candidates completing this program are eligible to be certified to teach physics and general science — grades 6-12.

Applied Learning

Students are required to complete an applied learning or research experience to graduate from programs in curriculum and instruction. The requirements can be met by the following:

Students who graduate from an undergraduate program must experience at least 600 hours of field experience/internship in various classroom settings throughout their specific program. In addition, all initial licensure students must complete the Kansas Performance Teaching Portfolio, which is an action research requirement for licensure.