

Secondary Education: Physics 6-12

Option 1: WSU General Education Policy

General Education (Of the 36 hours required below, 9 hours must be 300 level or above)	Requirement	Course Taken	Hrs	Grade
Foundation Courses (12 hours) Foundation Courses must be met within the first 48 hours of college credit.	ENGL 101		3	
	ENGL 102		3	
	COMM 111		3	
	MATH 111		3	
Fine Arts (3)	Areas of Discipline: ARTH, ARTS, DANC, FA, MUSC, THEA			
	FINE ARTS			
Humanities (3)	Areas of Discipline: COMM, ENGL, FREN, GERM, HIST, LATN, LING, PHIL, REL, RUSS, WOMS			
	ENGL 315*		3	
Social & Behavioral Sciences (3)	Areas of Discipline: AGE, ANTH, ARTS 211, 312, 322, 324 CESP 334, CJ, COMM 130, ECON, ENTR 310 and 440, ETHS, GEOG, HP, IB, ID, POLS, PSY, SCWK, SOC			
	PSY 111		3	
Natural Sciences & Mathematics (3)	Areas of Discipline: ANTH 101, ANTH 356, BIOL, CHEM, CS, GEOL, HP, HS, MATH, PC, PHYS, STAT			
	STAT 370		3	
Additional (12 hours) from at least two divisions FIRST YEAR SEMINAR: Required beginning Fall 2021 for SR incoming freshman. <ul style="list-style-type: none"> 300 level courses 	First Year Seminar: Required of all freshman: 1 ST DIVISION		3	
	CESP 334: 2 ND DIVISION*		3	
	PHYS 195		3	
	MATH 123		3	

Option 2: KBOR General Education Policy (for transfer students only):

12 hours Foundation (SEE ABOVE)
 12 hours Fine Arts/Humanities in 3 disciplines _____
 12 hours Social & Behavioral Sciences in 3 disciplines _____
 9 hours Natural Science/Mathematics in 2 disciplines (one Nat'l Science w/ lab) _____

Option 3: AMENDED General Education Policy: (w/ AA or AS from KS Community Colleges):

6 hours of 300 level or above taken at WSU. _____

Electives for 120 hours: @ 8 hrs. (1st year seminar counted here if taken)

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General Requirements for Bachelors: 120 minimum hours; overall GPA 2.5; major content GPA 2.5.

REQUIREMENTS FOR A MAJOR			
	PHYS 213	General College Physics I	(5)
	PHYS 214	General College Physics II	(5)
Gen Ed	PHYS 195	Introduction To Modern Astronomy	(3)
CHOOSE ONE	PHYS 501	Special Studies in Physics for Educators	(3)
	PHYS 551	Topics In Modern Physics (Prerequisite Calculus III)	
Gen Ed	MATH 123	College Trigonometry	(3)
	MATH 242	Calculus I	(5)
	CHEM 211	General Chemistry I (2.0 or better)	(5)
	CHEM212	General Chemistry II (2.0 or better)	(5)
	BIOL 210	General Biology I (also meets gen ed requirement)	(4)
	GEOL 300	Energy, Resources & Environment (also meets gen. ed. requirement)	(3)
		Total Hours for the Major	41

CI 270	Introduction to the Education Profession (Must have a B- or better)	(3)
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Teacher Education

Middle & Secondary majors need a B- or better in all courses below.

Core I - (Fall only)			Core III – (Fall only)		
CI 320	Introduction to Diversity: Exceptionalities (B- or better)	(2)	CI 413S	Teaching Internship I: Secondary Level Sciences (B- or better)	(3)
CI 321	Introduction to Diversity: Cultural Issues (B- or better)	(2)	CI 417	Instructional Strategies, Assessment and Management (ISAM) Literacy Strategies in the Content Areas (B- or better)	(2)
CI 325	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary General Methods (B- or better)	(2)	CI 435S	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Sciences Methods II (B- or better)	(3)
CI 315	Core I Practicum	(1)	CI 505	Science, Technology and Society (B- or better)	(1)
Core II - (Spring only)			CI 780S	Technology in the Classroom: Science (B- or better)	(2)
CI 403	Learning and Educational Assessment (B- or better) <i>If preferred, this class can be taken with Core III.</i>	(2)	CI 427	Philosophy, History & Ethics of Education (B- or better)	(3)
CI 425S	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Sciences Methods I (B- or better)	(2)	Core IV – (Spring only)		
CI 426S	Core II Practicum –Sciences (B- or better)	(1)	CI 436S	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Sciences Methods III (B- or better)	(2)
			CI 471S	Teaching Internship II: Secondary Level Sciences (B- or better) (15 weeks)	(10)
			CAS 501	Teacher Licensure Capstone - licensure requirement only - \$100 fee added to student account.	(0)
			Total Hours: 120		
			Licensure Exams PLT Praxis II Sciences Content Test		

OFFICIAL PROGRAM TRANSITION POINT REQUIREMENTS:

- Admission into Teacher Education - Completed application packet
- Admission to Teacher Internship: a) Satisfactory accomplishment of content-area, standard-driven assessments, b) “B-” or better in all Professional Teacher Education courses, with the exception of a 2.0 grade requirement in CI 519, c) 2.5 GPA (overall, WSU and content) and d) completed Teacher Intern Application.
- Exit from Teacher Internship: a) “B-” or better in all professional courses, b) 2.5 GPA (overall and WSU), c) Successful completion of all degree requirements, d) Final University Supervisor Evaluation Form.
- Degree Completion: a) 2.5 GPA (overall and WSU), and b) Meets all degree requirements
- Licensure Recommendation – a) Completion of Teacher Education Program, b) Teacher Work Sample/TLC passed, c) PLT passed, d) Praxis II content test(s) passed, and e) Licensure application submitted.

CANDIDATES COMPLETING THIS PROGRAM AND THE TRANSITION POINTS ABOVE, ARE ELIGIBLE TO BE CERTIFIED TO TEACH PHYSICS AND GENERAL SCIENCE—GRADES 6-12.

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