

Physics 6-12 School of Education

General Education Classes and College Requirements

General Education /KBOR System-Wide Framework	Title of Course	Hrs	Grade	Notes
Bucket 1: English Discipline	ENGL 101	3		
	ENGL 102	3		
Bucket 2: Communication Discipline	COMM 111	3		
Bucket 3: Mathematics & Statistics Discipline	MATH 123	3		
Bucket 4: Natural & Physical Science w/ lab	Biol 210 w/ lab	4		
Bucket 5 : Social & Behavioral Sciences Discipline in two subjects	CESP 334	3		
		3		
Bucket 6: Arts and Humanities in two subjects		3		
		3		
Bucket 7: Institutionally Designated Area <ul style="list-style-type: none"> • One course with Diversity Designation • First Year Seminar required of all freshmen. • Diversity designation may be used in Buckets #4-7. 	FIRST YEAR SEMINAR *	3		
	GEOL 300	3		
Total		34 hrs		

*Students who have earned an Associate Degree or 30 credit hours prior to high school graduation and before starting classes at WSU as a degree-bound student, may be exempt from taking a First-Year Seminar Course.

Content Courses Outside of Core Classes

	Course and Number	Title of Course	Grade Required if applicable	Hrs	Grade	Notes
	CI 270	Introduction to the Education Profession	B-	3		
	PHYS 213	General College Physics I		5		
	PHYS 214	General College Physics II		5		
	PHYS 195	Introduction To Modern Astronomy		3		
Choose 1:	PHYS 501 or PHYS 551	Special Studies in Physics for Educators Topics in Modern Physics		3		
	MATH 123	College Trigonometry		3		Gen Ed
	MATH 242	Calculus I		5		
	CHEM 211	General Chemistry I	C	5		
	CHEM 212	General Chemistry II	C	5		
	BIO 210	General Biology I		4		Gen Ed
	GEOL 300	Energy, Resources and Environment		3		Gen Ed
	CI 505	Science, Technology and Society <i>Should be taken with Core I or Core III</i>	B-	1		
	CI 780S	Technology in the Classroom: Science <i>Should be taken with Core I or Core III</i>	B-	2		
	Total			47		

Professional Education Courses
 All courses below require a B- or better

Course and Number	Core 1 – Foundations of Education = 10 hrs	Hrs	Grade	Notes
CESP 334	Intro to Diversity: Human Growth and Development	3		Gen Ed
CI 315	Core I Practicum	1		
CI 320	Intro to Diversity: Exceptionalities	2		
CI 321	Intro to Diversity: Cultural Issues	2		
CI 325	Instructional Strategies, Assessment and Management ISAM: Middle/Secondary General Methods (B- or better)	2		
Core 2 – Methods and Field Experiences = 8 hrs				
CI 403	Learning and Educational Assessment (B- or better)	2		
CI 425S	Instructional Strategies, Assessment and Management ISAM: Middle/Secondary Sciences Methods I (B- or better)	2		
CI 426S	Core II Practicum – Sciences (B- or better)	1		
CI 427	Philosophy, History & Ethics of Education (B- or better)	3		
Core 3 – Pre-Teaching Internship = 8 hrs				
CI 413S	Teaching Internship I: Secondary Level Sciences (B- or better)	3		
CI 417	Instructional Strategies, Assessment and Management ISAM Literacy Strategies in the Content Areas (B- or better)	2		
CI 435S	Instructional Strategies, Assessment and Management ISAM: Middle/Secondary Sciences Methods II (B- or better)	3		
Core 4 – Teaching Internship = 12 hrs				
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	0		
Total		38		

Electives for 120 hours: @ 14 hrs
