

Math/Science 5-8 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 <i>Math 131 does not fulfill the prerequisite for any further math course.</i>	MATH 111, 112, Stat 370, or higher level	3		
Bucket 4: Natural & Physical Science w/ lab	Biol 210 w/ lab	4		
Bucket 5 : Social & Behavioral Sciences Discipline in two subjects		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		
	CESP 334	3		
Total		34		

*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		
MATH 121	Geometry for College Students	C	3		SU only
MATH 123	College Trigonometry	C	3		
MATH 144	Business Calculus	C	3		
MATH 300	The Evolution of Mathematics		3		SU only
MATH 501	Elementary Mathematics	C	5		
MATH 502	Mathematics for Middle School Teachers		5		FL Only
STATS 370	Elementary Statistics	C	3		
PHYS 111	Introductory Physics		4		
PHYS 395	Solar System Astronomy		3		
CHEM 103	Introductory Chemistry		5		
PHYS 502	Science Investigations: Physics		5		
BIO 210	General Biology I		4		Gen Ed
BIO 211	General Biology II		4		
GEOL 102	Earth Science & the Environment		4		
CI 505	Science, Technology and Society <i>Should be taken with Core I or Core III</i>	B-	1		
Total			58		

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 or CI 425JM	Instructional Strategies, Assessment and Management ISAM: Middle/Secondary Science or Mathematics Methods I (B- or better)	2		
CI 426S or CI 426M	Core II Practicum – Science or Mathematics (B- or better)	1		
CI 427	Philosophy, History & Ethics of Education (B- or better) <i>Can be taken with Core III if desired</i>	3		
Core 3 – Pre-Teaching Internship = 13 hrs				
CI 412S	Teaching Internship I: Secondary Level Sciences (B- or better)	3		
CI 412M	Teaching Internship I: Middle Level Mathematics (B- or better)	2		
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		
CI 435M	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods II (B- or better)	3		
Core 4 – Teaching Internship = 19 hrs				
CI 436S	Instructional Strategies, Assessment and Management ISAM: Middle/Secondary Sciences Methods III (B- or better)	2		
CI 436M	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods III (B- or better)	2		
CI 461S	Teaching Internship II: Middle Level Science (B- or better)	10		
CI 461M	Teaching Internship II: Middle Level Mathematics (B- or better)	5		
CAS 501	Teacher Licensure Capstone	0		
Total		50		