

Mathematics 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 <i>Math 131 does not fulfill the prerequisite for any further math course.</i>	MATH 112	5		
Bucket 4: Natural & Physical Science w/ lab	Natural Science w/ lab	4		
Bucket 5 : Social & Behavioral Sciences Discipline in two subjects	SOC 330	3		
		3		
Bucket 6: Arts and Humanities in two subjects	ENG 315	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		36 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		
	MATH 242	Calculus 1	C	5		
	MATH 243	Calculus II	C	5		
	MATH 344	Calculus III	C	3		
	MATH 321	Discrete Structures I		3		
	MATH 415	An Introduction to Advanced Mathematics		3		
	MATH 511	Linear Algebra	C	3		
	MATH 613	Foundations of Algebra		3		
	MATH 621	Elementary Geometry		3		
Choose 1:	MATH 451, 530, 531, 547, 551, 553, 555, 615			3		
Choose 1:	ECON 201, PHYS 195, CHEM 211, PHYS 213, PHYS 313, CS 211			3		
	STAT 460	Elementary Probability & Math Statistics		3		
	CI 503	Math for High School Teachers		3		
	Total			43		

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 = 11 hrs				
CI 403	Learning and Educational Assessment (B- or better)	2		
CI 425M	Instructional Strategies, Assessment and Management ISAM: Middle/Secondary Mathematics Methods I (B- or better)	2		
CI 426M	Core II Practicum – 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		
SOC 330	Social Inequality	3		Gen Ed
Core 3 – Pre-Teaching Internship = 8 hrs				
CI 413M	Teaching Internship I: Secondary Level Mathematics (B- or better)	3		
CI 417	Instructional Strategies, Assessment and Management ISAM Literacy Strategies in the Content Areas (B- or better)	2		
CI 435M	Instructional Strategies, Assessment and Management ISAM: Middle/Secondary Mathematics Methods II (B- or better)	3		
Core 4 – Teaching Internship = 12 hrs				
CI 436M	Instructional Strategies, Assessment and Management ISAM: Middle/Secondary Mathematics Methods III (B- or better)	2		
CI 471M	Teaching Internship II: Secondary Level Mathematics (B- or better) 15 weeks	10		
CAS 501	Teacher Licensure Capstone	0		
Total		41		

Electives for 120 hours: @ 6 hrs
