

DMAC-Secondary Education: Mathematics 6-12

Students transferring in with 24 or more hours before taking classes at WSU may follow either WSU or KBOR. All other students must follow WSU General Education Policy. Hours taken from WSU while in high school do not apply to this policy.

General Education	Requirement	Course Taken	Hrs	Grade
Foundation Courses (12 hours) Foundation Courses must be met within the first 48 hours of college credit.	___ WSU & KBOR - Eng 101		3	
	___ WSU & KBOR - Eng 102		3	
	___ WSU & KBOR - Comm 111		3	
	___ WSU & KBOR - Math 111		3	
Fine Arts Introduction (3 hours)	Areas of Discipline: Art History, Dance, Music Comp, and Theatre			
	___ WSU Fine Arts – A1 (or) ___ KBOR Fine Arts/ Humanities		3	
Humanities Introduction (6 hours) WSU policy: Introductory courses must be from 2 different disciplines. KBOR policy: (see below)	Areas of Discipline: Communications (Non Foundation), Literature, History, Linguistics, Modern & Classical Languages, Philosophy, Religion, Women’s Studies.			
	___ WSU Humanities – A2 (or) ___ KBOR Fine Arts/Humanities		3	
	___ WSU Humanities – A2 (or) ___ KBOR Fine Arts/Humanities		3	
Social & Behavioral Sciences Introduction (6 hours) WSU policy: Introductory courses must be from 2 different disciplines. KBOR policy: (see below)	Areas of Discipline: Anthropology, Criminal Justice, Economics, Geography, Minority Studies, Political Science or Sociology			
	___ WSU & KBOR Psy 111 – B2		3	
	___ WSU Social & Behavioral Sciences – B2 (or) ___ KBOR Social & Behavioral Science		3	
Natural Sciences & Mathematics Introduction (6 hours) WSU policy: Introductory courses must be from 2 different disciplines. KBOR policy: (see below)	Areas of Discipline: Biology, Chemistry, Geology, Math and Physics			
	___ WSU & KBOR Phys 195/196, Chem 211, Phys 213 or Phys 313 – C2		4/5	
WSU Policy on FS & I&P Three courses required: one must be a Further Study (FS), one must be an Issues and Perspective (I&P), third course can be either. If a student takes two FS and one I&P, the two FS courses must be distributed over two divisions; if a student takes one FS and two I&P, the two I&P courses must be in at least two subject areas.	___ WSU Further Studies – Eng 315 or Ling 315 (A4) Or Anth 352 (B4)		3	
	___ WSU Issues /Perspectives -Math 531		3	
	___ WSU Further Studies – Math 243 (2.0 or better needed)		5	
KBOR Policy: 12 hours Foundation; 12 hours Fine Arts/Humanities in 3 disciplines; 12 hours Social & Behavioral Science in 3 disciplines; 9 hours Natural Science/Mathematics in 2 disciplines with Natural Science lab.	___ KBOR – Fine Arts/Humanities - Eng 315 or Ling 315 (Anth 352 instead of 315 may be taken to fulfill a Social & Behavioral Science instead).		3	
	___ KBOR Social & Behavioral Science -		3	
	___ KBOR Social & Behavioral Science		3	
	___ KBOR – Natural Science & Math – Math 243 (2.0 or better needed)		3/5	

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General Requirements for Bachelors: 124 minimum hours; overall GPA 2.5; major GPA 2.5.

PREREQUISITES TO THE MAJOR: 10 Hours			
	Math 242	Calculus 1 (<i>need 2.0 or better</i>)	(5) Gen Ed
	Math 243	Calculus 2 (<i>need 2.0 or better</i>)	(5) Gen Ed
REQUIREMENTS FOR A MAJOR:			
	Math 344	Calculus 3 (<i>need 2.0 or better</i>)	(3)
	Math 321	Discrete Structures I	(3)
	Math 415	An Introduction to Advanced Mathematics	(3)
	Math 511	Linear Algebra (<i>need 2.0 or better</i>)	(3)
	Math 531	Introduction to the History of Mathematics	(3) Gen Ed.
	Math 615	Elementary Number Theory	(3)
	Math 621	Elementary Geometry	(3)
	Stat 460	Elementary Probability and Mathematical Statistics	(3)
	Math 547	Advanced Calculus I	(3)
MATH APPLICATIONS Choose from TWO different divisions of study from the list below. At least one must be a laboratory course from a physical science area such as physics, chemistry, or astronomy. <i>Other options need to be approved by advisor.</i> Choices: *Econ 201, Phys 195/196, Chem 211, Phys 213, Phys 313, CS 211 1) _____ 2) _____			(3-5) (4-5) Gen Ed.
Additional Courses for DMAC: Consult with Advisor			
	Math 451	Computational Mathematics using MAT-Lab	(3)
	Math 551	Numerical Methods (<i>Math 451 prerequisite or Dept. consent</i>)	(3)
	Math 555	Differential Equations	(3)

Electives @ 2 for 124 hours total

CI 270	Introduction to the Education Profession (Must have a B- or better)		(3)	
Teacher Education				
Middle & Secondary majors need a B- or better in all courses below.				
Core I - (Fall only)			Core III- (Fall only)	
CESP334	Introduction to Diversity: Human Growth & Development	(2)	CI 413M Teaching Internship I: Secondary Level Mathematics (2)	
CI 320	Introduction to Diversity: Exceptionalities	(2)	CI 417 Instructional Strategies, Assessment and Management (ISAM) Literacy Strategies in the Content Areas (2)	
CI 321	Introduction to Diversity: Cultural Issues	(2)	CI 435M Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods II (3)	
CI 325	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary General Methods	(1)	Core IV - (Spring only)	
CI 315	Core I Practicum	(1)	CI 436M Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods III (2)	
Core II (Spring only)			CI 471M Teaching Internship II: Secondary Level Mathematics (15 weeks) (10)	
CESP433	Learning, Assessment and Evaluation Theory: Evidence-Based Instruction <i>If preferred, this class can be taken with Core III.</i>	(3)	Licensure Exams	
CI 425M	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods I	(2)	PLT Mathematics Content Test	
CI 426M	Core II Practicum –Mathematics	(1)		
CI 427	Philosophy, History & Ethics of Education	(3)		

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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. d) 2.5 GPA (overall, WSU and content) and e) 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) Passes common assessments, b) Passing score on Kansas Performance Teaching Portfolio, c) PLT passed, d) Praxis II content test(s) passed, and e) Licensure application
- , b) Passing score on Kansas Performance Teaching Portfolio, c) PLT passed, d) Praxis II content test(s) passed, and e) Licensure application

CANDIDATES COMPLETING THIS PROGRAM ARE ELIGIBLE TO BE LICENSED TO TEACH MATHEMATICS, GRADES 6-12.

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