

Double Major (DMAC) Secondary Education: Mathematics 6-12

Option 1: WSU General Education Policy

General Education <i>(Of the 36 hours required below, 9 hours must be 300 level or above)</i>	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 or higher		3	
Fine Arts (3)				
	Areas of Discipline: ARTH, ARTS, DANC, FA, MUSC, THEA			
	FINE ARTS		3	
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			
	MATH 242		5	
Additional (12 hours) from at least two divisions *FIRST YEAR SEMINAR: Required beginning Fall 2021 for SR incoming freshman.	MATH 243		5	
	CESP 334 - 2 ND DIVISION		3	
	MATH 344		3	
	MATH 531		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: @ 5 hrs (1st year seminar counted here if taken)

Double Major (DMAC) Secondary Education: Mathematics 6-12

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

PREREQUISITES TO THE MAJOR			
	Math 242	Calculus 1 (need 2.0 or better)	(5)
	Math 243	Calculus 2 (need 2.0 or better)	(5)
	Math 344	Calculus 3 (need 2.0 or better)	(3)
	Math 321	Discrete Structures I	(3)
	Math 415	An Introduction to Advanced Mathematics	(3)
	Math 511	Linear Algebra (need 2.0 or better)	(3)
	Math 531	Introduction to the History of Mathematics	(3)
	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) _____		(4)
	2) _____		(3)
Total hours in major			44-47

Additional Courses for DMAC: Consult with Advisor			
	Math 451	Computational Mathematics using MAT-Lab	(3)
	Math 551	Numerical Methods (Math 451 prerequisite or Dept. Consent)	(3)
	Math 555	Differential Equations	(3)

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)		
			CI 413M	Teaching Internship I: Secondary Level Mathematics (B- or better)	(2)
CI 320	Introduction to Diversity: Exceptionalities (B- or better)	(2)	CI 417	Instructional Strategies, Assessment and Management (ISAM) Literacy Strategies in the Content Areas (B- or better)	(2)
CI 321	Introduction to Diversity: Cultural Issues (B- or better)	(2)	CI 435M	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods II (B- or better)	(3)
CI 325	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary General Methods (B- or better)	(1)	Core IV - (Spring only)		
CI 315	Core I Practicum (B- or better)	(1)	CI 436M	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods III (B- or better)	(2)
Core II (Spring only)			CI 471M	Teaching Internship II: Secondary Level Mathematics (B- or better) (15 weeks)	(10)
CESP433	Learning, Assessment and Evaluation Theory: Evidence-Based Instruction (B- or better) <i>If preferred, this class can be taken with Core III.</i>	(3)	CAS 501	Teacher Licensure Capstone - licensure requirement only - \$100 fee added to student account.	(0)
CI 425M	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods I (B- or better)	(2)	Licensure Exams		
CI 426M	Core II Practicum –Mathematics (B- or better)	(1)	PLT		
CI 427	Philosophy, History & Ethics of Education (B- or better)	(3)	Mathematics Content Test		
Total Hours: 120					

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 LICENSED TO TEACH MATHEMATICS, GRADES 6-12.

Notice of Nondiscrimination

- Wichita State University does not discriminate in its employment practices, educational programs or activities on the basis of age, color, disability, gender, gender expression, gender identity, genetic information, marital status, national origin, political affiliation, pregnancy, race, religion, sex, sexual orientation, or status as a veteran. Retaliation against an individual filing or cooperating in a complaint process is also prohibited. Sexual misconduct, relationship violence and stalking are forms of sex discrimination and are prohibited under Title IX of the Education Amendments Act of 1972. Complaints or concerns related to alleged discrimination may be directed to the Director of Equal Opportunity or the Title IX Coordinator, Wichita State University, 1845 Fairmount, Wichita KS 67260-0138; telephone (316) 978-3187.