

**Middle Level Education: Math/Science 5-8**

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
<b>Foundation Courses (12 hours)</b> <i>Foundation Courses must be met within the first 48 hours of college credit.</i>	___WSU & KBOR - Eng 101		3	
	___WSU & KBOR - Eng 102		3	
	___WSU & KBOR - Comm 111		3	
	___WSU & KBOR – Math 111 <i>(need 2.0 or above as prerequisite for Math 501)</i>		3	
<b>Fine Arts Introduction (3 hours)</b>	Areas of Discipline: Art History, Dance, Music Comp, and Theatre			
	___WSU Fine Arts – A1 (or) ___KBOR Fine Arts/Humanities		3	
<b>Humanities Introduction (6 hours)</b> WSU policy: Introductory courses must be from 2 different disciplines.  KBOR policy: (see below)	Areas of Discipline: Communications (Non Foundation), Literature, Hist, 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	
<b>Social &amp; Behavioral Sciences Introduction (6 hours)</b> 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 CESP 334 – sub for B4 (B- or better required)		3	
<b>Natural Sciences &amp; Mathematics Introduction (6 hours)</b> 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 Natural Science – Phys 111		4	
	___WSU & KBOR Statistics 370 – C2 (need 2.0 or better as prerequisite for Math 502)		3	
<b>WSU Policy on FS &amp; I&amp;P</b> 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 Phys 395		3	
	___WSU Issues /Perspectives A6, B6, or C6		3	
	___WSU Further Studies – Eng 315 or Ling 315 (A4) Or Anth 352 (B4)		3	
<b>KBOR Policy:</b> 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- Phys 395		3	

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**General Requirements for Bachelors:** 132 minimum hours; overall GPA 2.5; major content GPA 2.5.

Mathematics				Science			
Content Prerequisites in General Education				Content Prerequisites in General Education			
Stats 370	Elementary Statistics ( <i>need 2.0 or better as prerequisite for Math 502</i> )	(3)		Physi 111	Introductory Physics	(4)	
				Phys 395	Solar System Astronomy	(3)	
Content Courses Required for Middle Level Content Area				Content Courses Required for Middle Level Content Area			
Math 121	Geometry for College Students ( <i>need 2.0 or better as prerequisite for Math 502</i> ) Offered Summer only	(3)		Chem 103	Introductory Chemistry	(5)	
Math 123	College Trigonometry ( <i>need 2.0 or better as prerequisite for Math 502</i> )	(3)		Phys 502	Science Investigations: Physics	(5)	
Math 144	Business Calculus ( <i>need 2.0 or better as prerequisite for Math 502</i> )	(3)		Geol 102	Earth Science & the Environment	(4)	
Math 300	The Evolution of Mathematics Offered Summer only	(3)		Biol 210	General Biology I	(4)	
Math 501	Elementary Mathematics ( <i>need 2.0 or better as prerequisite for Math 502</i> )	(5)		Biol 211	General Biology II	(4)	
Math 502	Mathematics for Middle School Teachers -offered Fall only	(5)		CI 505	Science, Technology and Society	(1)	
Total Hours for Both Majors:							<b>58</b>

CI 270	Introduction to the Education Profession (Must have a B- or better)			(3)
<b>Teacher Education</b>				
<b>Middle &amp; Secondary majors need a B- or better in all courses below</b>				
<b>Core I - (Fall only)</b>			<b>Core III - (Fall only)</b>	
CI 320	Introduction to Diversity: Exceptionalities (B- or better)	(2)	CI 412S	Teaching Internship I: Middle Level Science (B- or better)
CI 321	Introduction to Diversity: Cultural Issues (B- or better)	(2)	CI 412M	Teaching Internship I: Middle Level Mathematics (B- or better)
CI 325	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary General Methods (B- or better)	(1)	CI 417	Instructional Strategies, Assessment and Management (ISAM) Literacy Strategies in the Content Areas (B- or better)
CI 315	Core I Practicum (B- or better)	(1)	CI 435S	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Science Methods II (B- or better)
<b>Core II - (Spring only)</b>			CI 435M	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods II (B- or better)
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)	<b>Core IV - (Spring only)</b>	
CI 425S or 425JM	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Science or Math Methods I (B- or better)	(2)	CI 436S	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Science Methods III (B- or better)
CI 426S or 426M	Core II Practicum –Science or Mathematics (B- or better)	(1)	CI 436M	Instructional Strategies, Assessment and Management (ISAM): Middle/Secondary Mathematics Methods III (B- or better)
CI 427	Philosophy, History & Ethics of Education (B- or better)	(3)	CI 461S	Teaching Internship II: Middle Level Science (B- or better)
			CI 461M	Teaching Internship II: Middle Level Mathematics (B- or better)
			Licensure Exams	PLT Praxis II Science and Math Content Tests
				Total Hours: 132

**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. 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) 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

CANDIDATES COMPLETING THIS PROGRAM ARE ELIGIBLE TO BE CERTIFIED TO TEACH MATH AND SCIENCE (GRADES 5-8)

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