

BAED - Mathematics/Science (Middle)

Program Requirements

General requirements for bachelor's degree: 132 minimum credit hours; overall GPA 2.500 and major content GPA 2.500. In addition to meeting the requirements of the WSU General Education Program (<http://catalog.wichita.edu/undergraduate/academic-information/general-education-program/>) and the requirements of the College of Education, students in the BAED - mathematics/science (middle) must take the following courses:

Course	Title	Hours
General Education (34-35 credit hours)		
Select courses to meet General Education requirements ¹		28-29
General Education courses that will also meet Program Requirements		
CESP 334	Introduction to Diversity: Human Growth and Development	3
MATH 111	College Algebra ²	3
Middle Level Mathematics Requirements		
STAT 370	Elementary Statistics ²	3
MATH 121	Geometry for College Students (offered summer only) ²	3
MATH 123	College Trigonometry ²	3
MATH 144	Business Calculus ²	3
MATH 300	Evolution of Mathematics (offered summer only) ²	3
MATH 501	Elementary Mathematics ²	5
MATH 502	Mathematics for Middle School Teachers (offered fall only)	5
Middle Level Science Requirements		
PHYS 111	Introductory Physics	4
PHYS 395	Solar System Astronomy	3
CHEM 103	Introductory General, Organic and Biochemistry	5
GEOL 102 & 102L	Earth Science and the Environment and Earth Science and the Environment Lab	4
BIOL 210	General Biology I	4
BIOL 211	General Biology II	4
CI 505	Science Technology and Society	1
Teacher Education - Middle and Secondary Majors (need a B- or better in all courses below)		
CI 270	Introduction to the Education Profession ³	3
Core I - Fall Only		
CI 320	Introduction to Diversity: Exceptionalities	2
CI 321	Introduction to Diversity: Cultural Issues	2
CI 325	ISAM: Middle/Secondary General Methods	2
CI 315	Core I Practicum	1
Core II - Spring Only		
CI 425S	ISAM: Middle/Secondary Level Content-Specific Methods I - Sciences	2
or CI 425M	ISAM: Middle/Secondary Level Content-Specific Methods I - Mathematics	

CI 403	Learning and Educational Assessment	2
CI 426S or CI 426M	Core II Practicum - Science Core II Practicum - Mathematics	1
CI 427	Philosophy, History and Ethics of Education	3
Core III - Fall Only		
CI 412S	Teaching Internship I: Middle Level Sciences	3
CI 412M	Teaching Internship I: Middle Level Mathematics	3
CI 417	ISAM: Literacy Strategies in the Content Areas	2
CI 435S	ISAM: Middle/Secondary Level Content-Specific Methods II - Sciences	3
CI 435M	ISAM: Middle/Secondary Level Content-Specific Methods II - Mathematics	3
Core IV - Spring Only		
CI 436S	ISAM: Middle/Secondary Level Content-Specific Methods III - Sciences	2
CI 436M	ISAM: Middle/Secondary Level Content-Specific Methods III - Mathematics	2
CI 461S	Teaching Internship II: Middle Level Sciences	5
CI 461M	Teaching Internship II: Middle Level Mathematics	5

Licensure Exams

Praxis II Science and Math Content Knowledge Test		
CED 501	Teacher Licensure Capstone	0

Open Electives

Select enough electives to reach 132 credit hours	1-2
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Total Credit Hours	132
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¹ Required major courses may also count towards General Education requirements. Students will need to select additional electives to reach 132 credit hours required for graduation with assistance from an advisor.

² 2.000 or better required as prerequisite for MATH 502.

³ B- or better.

Official Program Transition Point Requirements

- Admission into teacher education - completed application packet and meet all admission to teacher education requirements as specified in College of Education - Policies (<http://catalog.wichita.edu/undergraduate/education/#policiestext>).
- Admission to teacher internship:
 - Satisfactory accomplishment of content-area, standard-driven assessments,
 - B- or better in all professional teacher education courses,
 - 2.500 GPA (overall, WSU and content), and
 - Completed teacher intern application.
- Exit from teacher internship:
 - B- or better in all professional courses,
 - 2.500 GPA (overall and WSU),
 - Successful completion of all degree requirements, and
 - Final university supervisor evaluation form.
- Degree completion:

- a. 2.500 GPA (overall and WSU), and
 - b. Meets all degree requirements.
5. Licensure recommendation:
- a. Passes common assessments,
 - b. Passing score on Teacher Licensure Capstone,
 - c. Praxis II content test(s) passed, and
 - d. Licensure application.

Applied Learning

Students are required to complete an applied learning or research experience to graduate from programs in the School of Teaching and Learning. The requirements can be met by the following:

Students who graduate from a teacher education program must successfully complete an assigned field experience in an educational setting.