

STEM MIDDLE CHILDHOOD-EARLY ADOLESCENCE - AGES 6-12/13, B.S.

The curriculum in the STEM middle-childhood through early-adolescence education program is designed to develop resourceful, creative, and competent teachers to work with children in primary through middle level educational settings. This innovative program integrates theory and practice with integrated learning design and project based learning. Graduates will meet the requirements for teaching grades 1-8, with licensure in middle childhood - early adolescence education (MC-EA) for the state of Wisconsin.

Beginning in the sophomore year, academic coursework is enriched by involvement with children and families, through observation/participation experiences in surrounding schools. As students progress through their professional coursework, they are engaged in three consecutive and progressive field experiences prior to student teaching, providing a rich and authentic application of theory in their practice. Additionally, all graduates of the MC-EA program will graduate with a minor in an approved area of study. Graduates of this program are employed as elementary or middle-level educators in grades 1-8.

GENERAL REQUIREMENTS: BACHELOR OF SCIENCE DEGREE

Course	Title	Credits
Credit requirement for graduation (non-duplicated credits, 120 needed to graduate)		117 credits and up
General Education		46-52 credits
Minor(s)		24-30 credits
Professional education		70-71 credits

Course	Title	Credits
General Education - (MC-EA)		
Communication:		
ENGLISH 1130	College Writing I ¹	3
ENGLISH 1230	College Writing II ¹	3
Entry Year Experience		1
Select one of the following:		2-3
SPEECH 1010	Oral Communication for Professionals (acceptable) ¹	
SPEECH 2010	Speech Communication for Teachers (recommended) ¹	
Foreign Language:		
1 semester on campus or 1 year of high school in same language with C or better		0-4
Math:		
MATH 1030	Mathematics for Educators I ²	3
MATH 2030	Mathematics for Educators II ²	3
MATH 3030	Mathematics for Educators III ²	3
Health and Human Performance:		
HHP 1000	Fitness Assessment and Management (Satisfied by course HHP 2040)	1
HHP XXXX	Physical Activity (see HHP class listing)	1
Humanities, Fine Arts and Historical Perspective:		
Fine arts course (recommended):		3
ART 1230 or ART 1240	Art and Children's Literature for Teachers Art and Social Studies for Teachers	
Humanities literature course		3
HISTORY 2020	World Civilization II	3
Social Sciences:		
POLISCI 1230	Introduction to American Government	3
GEOGRPHY 3330	Environmental Conservation	3
Natural Sciences:		

Biological science lab course		4-5
Physical science lab course: select from chemistry, geography, geology, physics or physical science		4-5
International Education/Ethnic and Gender Studies:		
HISTORY 2020	World Civilization II (double counts as historical perspective and international education)	3
TEACHING 3630	Ethnic and Gender Equity in Education (counts for both ethnic and gender studies plus professional education)	3
Bachelor of Science degree: Natural Science, Mathematics or Social Science course(s) in addition to courses listed above		3
Approved Minor(s) ³		24-30
Professional Education ⁴		
TEACHING 1230	Introduction to Education	2
TEACHING 2010	Educational Media Theory	2
TEACHING 2130	Human Growth and Development	3
or PSYCHLGY 3130	Child Psychology	
TEACHING 3320	Introduction to Inclusion	3
TEACHING 3630	Ethnic and Gender Equity in Education	3
TEACHING 4020	Educational Media Application	2
TEACHING 4460 & TEACHING 4360	Student Teaching 10-14 and Student Teaching Elementary	12
or TEACHING 4760	Internship in Teaching	
EdTPA Final Portfolio Submission ⁵		
Elementary Core Classes ⁴		
HHP 2040	Methods in Health, Nutrition, and Physical Education	4
ART 1230	Art and Children's Literature for Teachers	3
or ART 1240	Art and Social Studies for Teachers	
or MUSIC 3160	Elementary Music Methods for Non-Music Majors	
TEACHING 3040	Reading, Literacy, and Literature I	3
TEACHING 3730	Assessment and Management	3
TEACHING 4000	Elementary Practicum (Grades 1-3)	2
TEACHING 4040	Reading, Literacy and Literature II	3
TEACHING 4080	Practicum-Grades 4-6	2
TEACHING 4160	Teaching Elementary & Middle Science	3
TEACHING 4170	Teaching Elementary Mathematics	3
TEACHING 4190	Teaching Elementary & Middle Social Studies	3
TEACHING 4250	Senior Seminar	2
TEACHING 4730	Working with Families	2
Middle Level Courses ⁴		
TEACHING 3140	Key Concepts and Characteristics in Middle Level Education	3
TEACHING 3540	Upper Elementary-Integrated Science Methods	2
TEACHING 4180	Practicum - Middle grades 6-8	2
MATH 3040	Mathematics Seminar for Middle School Teachers	3-4
or TEACHING 3530	Teaching History and Social Studies at the Middle and Secondary Schools	
or ENGLISH 4730	Teaching of English in Middle and Secondary Schools	

¹ "C" or better required

² "C-" or better required

³ G.P.A. 2.750 or better and grade of "C-" or better

⁴ G.P.A. 3.000 or better and grade of "C-" or better

⁵ Submission of the EdTPA Final Portfolio is required for graduation. Completion of the EdTPA Final Portfolio is required for licensure.