

MIDDLE CHILDHOOD EDUCATION (B.S.ED.)

The Bachelor of Science in Education (BSEd) in Middle Childhood Education leads to a Michigan Department of Education (MDE) teacher certification in grades 5-9. Students will gain extensive classroom and clinical experience to develop the content, skills, and dispositions needed to successfully work in middle-level classrooms. Candidates who successfully complete all program requirements will earn an undergraduate degree. All candidates are required to earn a minimum GPA of 2.5 and earn a grade of "C" or better in all required program courses to earn the degree. Additionally, candidates must pass the certification-specific MTTC to be recommended for certification.

A minimum of 120 credits are required for completion of this degree: satisfaction of the University General Education Program (<https://bulletins.wayne.edu/undergraduate/general-information/general-education/>); All course work must be completed in accordance with the academic procedures of the College of Education (<https://bulletins.wayne.edu/undergraduate/college-education/academic-regulations/>) and University (<https://bulletins.wayne.edu/undergraduate/general-information/>) governing undergraduate scholarship and degrees. All major, minor, and education courses must be completed with grades of 'C' or better and an overall 2.5 grade point average to meet College graduation requirements. Course changes may occur through periodic curriculum revision, and students are urged to consult assigned advisors prior to each registration period to ensure that all requirements are met.

Math 5-9 Grade Band Concentration Requirements

An admissions moratorium is currently in effect for this concentration.

Code	Title	Credits
General Education Courses		
Math 5-9: The General Education Requirement for Quantitative Experience (MAT 1070; MAT 1800) is included in the Math 5-9 Grade Band coursework.		
Approximately 31 credit hours are needed for General Education courses not included in the Math 5-9 Grade Band coursework: Basic Composition, Intermediate Composition, Oral Communication, Natural Scientific Inquiry, Natural Scientific Inquiry w/Lab, Civic Literacy Inquiry, Social Inquiry, Cultural Inquiry, Diversity Equity & Inclusion Inquiry, and Global Learning Inquiry.		31
Electives		
At least 13 credit hours of electives are needed to meet the 120-credit hour requirement.		
Content Courses		
Placement based on prior coursework or testing is required before registering for MAT 1070.		
MAT 1070	College Algebra	5
MAT 1800	Elementary Functions	4
MAT 2010	Calculus I	4
MAT 2860	Discrete Mathematics	3
MAT 5040	Elementary Abstract Algebra	4
STA 1020	Elementary Statistics	3
MAE 5100	Geometry for Middle School Teachers	3
MAE 5130	Problem Solving for Middle School Teachers (5-9)	3
MAE 5140	Proportional and Algebraic Reasoning for Middle Grades Teachers (5-9)	3
Foundational Courses		
TED 2020	Technology Integration in Teaching	3

TED 2200 & TED 2205	Foundations I: Foundations of Education in Urban Spaces and Foundations Field Experience	3
TED 2210	Foundations II: Intersections of Culture, Language, Identity & Schooling	2
TED 2220	Foundations III: Foundations of Inclusive Schooling	2
TED 5100	Professional Engagement, Advocacy, and Instructional Planning	2
EDP 5480	Adolescent Psychology	3
RLL 6121	Teaching Literacies across the Content Areas	3
MAE 6075	Historical and Social Contexts of Teaching Mathematics (5-12)	3
Methods Courses & Co-Req Clinicals		
MAE 5150	Methods and Materials of Instruction: Secondary School Mathematics	3
TED 6620	Middle and Secondary Education Clinical Methods I	2
MAE 6050	Teaching Mathematics Methods in the Middle Grades	3
TED 6670	Middle and Secondary Education Clinical Methods II	3
Final Clinical Experience		
TED 6760	Middle and Secondary Education Student Teaching	12
Total Credits		120

Science 5-9 Grade Band Concentration Requirements

Code	Title	Credits
General Education Courses		
Science 5-9: The General Education Requirement for Quantitative Experience (MAT 1070; MAT 1800), Natural Scientific Inquiry (many of the science courses), Natural Scientific Inquiry w/Lab (many of the science courses with labs) are included in the Science 5-9 Grade Band coursework.		
Approximately 24 credit hours are needed for General Education courses not included in the Science 5-9 Grade Band coursework: Basic Composition, Intermediate Composition, Oral Communication, Civic Literacy Inquiry, Social Inquiry, Cultural Inquiry, Diversity Equity & Inclusion Inquiry, and Global Learning Inquiry.		24
Content Courses		
Placement based on prior coursework or testing is required before registering for MAT 1070. Additionally, pre-requisites for science courses (e.g. physics, chemistry, etc.) may also be required.		
MAT 1070	College Algebra	5
MAT 1800	Elementary Functions	4
MAT 6150	Probability and Statistics for Teachers	4
AST 2010 & AST 2011	Descriptive Astronomy and Descriptive Astronomy Laboratory	5
BIO 1500 & BIO 1501	Basic Life Diversity and Basic Life Diversity Laboratory	4
BIO 1510 & BIO 1511	Basic Life Mechanisms and Basic Life Mechanisms Laboratory	4
CHM 1100 & CHM 1130	General Chemistry I and General Chemistry I Laboratory	5
Choose One		3-5
BIO 2600	Introduction to Cell Biology	
BIO 2700	Evolution: Basic Concepts and Applications	
BIO 2870	Anatomy and Physiology	

BIO 3500	Ecology and the Environment	
Choose One		5
CHM 1140 & CHM 1150	General Chemistry II and General Chemistry II Laboratory	
PHY 2140 & PHY 2141	Physics for the Life Sciences II and Physics for the Life Sciences Laboratory	
ESG 1010 & ESG 1011	Geology: The Science of the Earth and Geology: The Science of the Earth Laboratory	4
ESG 1370	Meteorology: The Study of Weather	3
PHY 2130 & PHY 2131	Physics for the Life Sciences I and Physics for the Life Sciences Laboratory	5
SCE 6010	Safety in the Science Classroom	2
Foundational Courses		
TED 2020	Technology Integration in Teaching	3
TED 2200 & TED 2205	Foundations I: Foundations of Education in Urban Spaces and Foundations Field Experience	3
TED 2210	Foundations II: Intersections of Culture, Language, Identity & Schooling	2
TED 2220	Foundations III: Foundations of Inclusive Schooling	2
TED 5100	Professional Engagement, Advocacy, and Instructional Planning	2
EDP 5480	Adolescent Psychology	3
RLL 6121	Teaching Literacies across the Content Areas	3
Method Courses		
SCE 5060	Methods and Materials of Instruction in Secondary School Science I	3
SCE 5070	Methods and Materials of Instruction in Secondary School Science II	3
TED 6620	Middle and Secondary Education Clinical Methods I	2
TED 6670	Middle and Secondary Education Clinical Methods II	3
TED 5600	Assessment for Middle and Secondary Education	3
Final Clinical Experience		
TED 6760 & TED 6710	Middle and Secondary Education Student Teaching and Middle and Secondary Education Student Teaching Seminar	15
Total Credits		124-126