

# MIDDLE GRADES EDUCATION (BSED)

## Program of Study

Click on the Program Map tab to view a term-by-term guide for completing the program requirements.

## Core Requirements

Code	Title	Credit Hours
<b>Area A Essential Skills</b>		
ENGL 1101	English Composition I (minimum grade of C)	3
ENGL 1102	English Composition II (minimum grade of C)	3
Select one of the following:		3
MATH 1001	Quantitative Skills and Reasoning	
MATH 1101	Introduction to Mathematical Modeling	
MATH 1111	College Algebra	
MATH 1113	Pre-Calculus <sup>1</sup>	
MATH 1125	Applied Calculus	
MATH 1131	Calculus with Analytic Geometry I	
STAT 1401	Elementary Statistics	
Area A Total		9
<b>Area B Institutional Options <sup>2</sup></b>		
B1: Select 3 hours of following courses:		3
COMM 1110	Public Speaking	
Any Foreign Language 1001, 1002, 2001, 2002		
B2: Select 1 or 2 hours of the following courses:		1-2
ITDS 1779	Scholarship Across the Disciplines	
LEAD 1705	Introduction to Servant Leadership	
PERS 1506	Perspectives 1-hour	
PERS 1507	Perspectives 2-hour	
Area B Total		4-5
<b>Area C Humanities/Fine Arts/Ethics</b>		
Select one of the following humanities courses:		3
ENGL 2111	World Literature I	
ENGL 2112	World Literature II	
ITDS 1145	Comparative Arts <sup>3</sup>	
ITDS 1155	The Western Intellectual Tradition	
ITDS 2125	Historical Perspectives on the Philosophy of Science and Mathematics	
PHIL 2010	Introduction to Philosophy	
Select one of the following fine arts courses:		3
ARTH 1100	Art Appreciation	
ITDS 1145	Comparative Arts <sup>3</sup>	
MUSC 1100	Music Appreciation	
THEA 1100	Theatre Appreciation	
ARTH 2125	Introduction to the History of Art I– Prehistoric through Gothic	
ARTH 2126	Introduction to the History of Art II– Renaissance through Modern	
Area C Total		6

## Area D Science/Math/Technology <sup>2</sup>

D1: Select two science courses from the following list. One science course must include a lab; the other science course may or may not include the lab:

ANTH 1145	Human Origins (no lab)	
ASTR 1105 & ASTR 1305	Descriptive Astronomy: The Solar System and Descriptive Astronomy Lab (lab optional)	
ASTR 1106 & ASTR 1305	Descriptive Astronomy: Stars and Galaxies and Descriptive Astronomy Lab	
ATSC 1112 & 1112L	Understanding the Weather and Understanding the Weather Lab	
BIOL 1215K	Principles of Biology (lab included)	
BIOL 1125	Contemporary Issues in Biology Non-Lab (no lab)	
BIOL 1225K	Contemporary Issues in Biology with Lab (lab included)	
CHEM 1151 & 1151L	Survey of Chemistry I and Survey of Chemistry I Lab	
CHEM 1152 & 1152L	Survey of Chemistry II and Survey of Chemistry II Lab	
CHEM 1211 & 1211L	Principles of Chemistry I and Principles of Chemistry I Lab	
CHEM 1212 & 1212L	Principles of Chemistry II and Principles of Chemistry II Lab	
ENVS 1105 & 1105L	Environmental Studies and Environmental Studies Laboratory (lab optional)	
ENVS 1205K	Sustainability and the Environment	
GEOL 1110	Natural Disasters: Our Hazardous Environment (no lab)	
GEOL 1121 & 1121L	Introductory Geoscience I: Physical Geology and Introductory Geoscience I: Physical Geology Lab	
GEOL 1122 & GEOL 1322	Introductory Geo-sciences II: Historical Geology and Introductory Geo-sciences II: Historical Geology Lab	
GEOL 2225	The Fossil Record (lab included)	
PHYS 1111 & PHYS 1311	Introductory Physics I and Introductory Physics I Lab	
PHYS 1112 & PHYS 1312	Introductory Physics II and Introductory Physics II Lab	
PHYS 1125 & PHYS 1325	Physics of Color and Sound and Physics of Color and Sound Lab (lab optional)	
PHYS 2211 & PHYS 2311	Principles of Physics I and Principles of Physics I Lab	
PHYS 2212 & PHYS 2312	Principles of Physics II and Principles of Physics II Lab	
D2: Select one of the following or a science course from above:		3-4
CPSC 1105	Introduction to Computing Principles and Technology	
CPSC 1301K	Computer Science I	
GEOG 2215	Introduction to the Geographic Information Systems	
MATH 1113	Pre-Calculus	
MATH 1125	Applied Calculus <sup>4</sup>	
MATH 1131	Calculus with Analytic Geometry I	
MATH 1132	Calculus with Analytic Geometry II	

MATH 1165	Computer-Assisted Problem Solving	
MATH 2125	Introduction to Discrete Mathematics	
PHIL 2500	Formal Logic	
STAT 1401	Elementary Statistics	
Area D Total		10-11
<b>Area E Social Sciences</b>		
HIST 2111	U. S. History to 1865	3
or HIST 2112	U. S. History since 1865	
POLS 1101	American Government	3
Select one of the following behavioral science courses:		3
ECON 2105	Principles of Macroeconomics	
ECON 2106	Principles of Microeconomics	
PHIL 2030	Moral Philosophy	
PSYC 1101	Introduction to General Psychology	
SOCI 1101	Introduction to Sociology	
Select one of the following world culture courses:		3
ANTH 1105	Cultural Anthropology	
ANTH 1107	Discovering Archaeology	
ANTH 2105	Ancient World Civilizations	
ANTH 2136	Language and Culture	
ENGL 2136	Language and Culture	
GEOG 1101	World Regional Geography	
HIST 1111	World History to 1500	
HIST 1112	World History since 1500	
INTS 2105	Introduction to International Studies and Cross-Cultural Learning	
ITDS 1156	Understanding Non-Western Cultures	
Area E Total		12
<b>Wellness Requirement</b>		
Select one of the following:		3
KINS 1106	Lifetime Wellness	
or PHED 1205	Concepts of Fitness	
Select one PEDS course ( <a href="https://catalog.columbusstate.edu/course-descriptions/peds/#peds">https://catalog.columbusstate.edu/course-descriptions/peds/#peds</a> )		
Wellness Total		3
<b>Total Credit Hours</b>		<b>45</b>

<sup>1</sup> Note: MATH 1113 Pre-Calculus is required for Math and Science Concentration (1 hour applied to Area H)

<sup>2</sup> Note: Students must complete Area B and Area D with a combined total of 15 credit hours within the following ranges. Any additional hours may be applied to Area F or beyond, depending on the program of study. Students should consult their advisors.

- Area B1, 3 hours;
- Area B2, 1-2 hours;
- Area D1, 7-8 hours;
- Area D2, 3-4 hours.

<sup>3</sup> ITDS 1145 Comparative Arts, though listed under both humanities and fine arts, may be taken only once.

<sup>4</sup> Note: MATH 1125 Applied Calculus is Recommended for Math Concentration

## Major Requirements

Code	Title	Credit Hours
<b>Core Requirements</b>		
Complete the core requirements for this program		45
<b>Area F Courses Related to Major</b>		
EDUC 2110	Investigating Critical & Contemporary Issues in Education	3
EDUC 2120	Exploring Socio-Cultural Contexts on Diversity in Educational Settings	3
EDUC 2130	Exploring Learning and Teaching	3
Area F Guided Electives by Specialization:		9
Select 6 credits from one area and 3 credits from a second area (see Specializations below)		
Area F Total		18
<b>Area G Program Requirements</b>		
EDMG 2257	Instructional Strategies in Middle Grades	3
EDMG 3115	Teaching Literacy Across the Content Areas	2
EDMG 3225	Adolescent Development for Educators	3
EDUF 4205	Technology for the 21st Century Classroom	2
SPED 2256	Introduction to the Exceptional Learner in General Education (Students must earn a grade of B or better in order to be certified to teach in the state of Georgia.)	3
THEA 3107	Creative Dramatics in the Classroom	3
Student Teaching Experience:		
EDCI 4485	Student Teaching	10
EDUF 4115	Classroom Management	2
Area G Total		28
<b>Area H Program Electives</b>		
Select the same two certification specialization as in Area F (see Specializations below)		32-35
1 hour from Area A or D for math or science concentration:		
MATH 1113	Pre-Calculus	
Area H Total		32-35
<b>Total Credit Hours</b>		<b>123-126</b>

## Specializations

### Mathematics Specialization

Code	Title	Credit Hours
<b>Area F</b>		
Select 3-6 credits from the following:		3-6
MATH 1125	Applied Calculus (if not taken in Area D)	
MATH 1131	Calculus with Analytic Geometry I	
MATH 1132	Calculus with Analytic Geometry II	
MATH 1165	Computer-Assisted Problem Solving	
MATH 2125	Introduction to Discrete Mathematics	
STAT 1401	Elementary Statistics	
Area F Total		3-6
<b>Area H</b>		
EDMG 4121	Teaching Mathematics in the Middle Grades I	3
EDMG 4222	Teaching Mathematics in the Middle Grades II	4

MAED 3137	Investigative Geometry and Measurement	3
MAED 3138	Exploring Statistics	3
MAED 5131U	Algebra & Proportionality	3
Area H Total		16

### Science Specialization <sup>2</sup>

Code	Title	Credit Hours
<b>Area F</b>		
Select one of the following:		4
CHEM 1211 & 1211L	Principles of Chemistry I and Principles of Chemistry I Lab	
CHEM 1151 & 1151L	Survey of Chemistry I and Survey of Chemistry I Lab	
GEOL 1121 & 1121L	Introductory Geoscience I: Physical Geology and Introductory Geoscience I: Physical Geology Lab	4

If the courses above are taken in Area D, students may select up to two of the following courses as guided electives or reduce total program hours to 124 with one elective:

ASTR 1105 & ASTR 1305	Descriptive Astronomy: The Solar System and Descriptive Astronomy Lab	
BIOL 1225K	Contemporary Issues in Biology with Lab	
BIOL 2221K	Human Anatomy and Physiology I	
ENVS 1105	Environmental Studies	
GEOL 2225	The Fossil Record	
PHYS 1125	Physics of Color and Sound	
Area F Total		6

#### Area H

EDMG 4235	Teaching Science in the Middle Grades	4
Extra Hours from Area F Science Lab courses		0-2
BIOL 1215K	Principles of Biology (includes lab)	4
PHYS 1111 & PHYS 1311	Introductory Physics I and Introductory Physics I Lab	4
Select one of the following:		3-4
ATSC 5116U	Meteorology	
GEOL 3266	Mineralogy	
GEOL 5135U	Oceanography	
GEOL 5175U	Physical Anthropology and Archeology	
GEOL 5255U	Environmental Geology	
Area H Total		15-18

<sup>2</sup> Note: Any extra hours are applied to Area H.

### Language Art Specialization

Code	Title	Credit Hours
<b>Area F</b>		
ENGL 2156	Introduction to Literary Studies II: Poetics	3
Select one of the following:		0-3
ENGL 2111	World Literature I	
ENGL 2112	World Literature II	
ENGL 2135	Multicultural Literature	
Area F Total		3-6
<b>Area H</b>		

EDCI 3455	Practicum I for Middle-Grades and Secondary Education	2
EDMG 4155	Teaching Reading and English Language Arts in Middle Grades	2
EDSE 3117	Literature for Adolescents	3
ENGL 2157	Writing for the English Major	3
ENGL 5167U	English Grammar	3
Select one of the following:		3
ENGL 2155	Introduction to Literary Studies: Critical Methods	
ENGL 3145	Early American Literature	
ENGL 3148	American Naturalism and Modernism	
ENGL 3149	Contemporary American Literature	
Select one upper level English or English education course approved by advisor		
Area H Total		16

### Social Studies Specialization

Code	Title	Credit Hours
<b>Area F</b>		
GEOG 1101	World Regional Geography (if not taken in Area E)	3
Otherwise, students may use one of the following courses not taken in Area E:		
HIST 1111	World History to 1500 or HIST 1112 World History since 1500	
Area F Total		3
<b>Area H</b>		
EDMG 4245	Social Studies in the Middle Grades	4
GEOG 3556	Selected Topics in Human Geography or GEOG 5128U Selected Topics in Geography	3
HIST 3105	History of Georgia	3
EDMG 3235	Project-Based Curriculum for History Educators	3
Select any 3000 level non-US history approved by the History Department		3
Area H Total		16

<sup>1</sup> Based upon area of specialization. Advisor must approve these electives to insure prerequisites are met for Area H Coursework.