MIDDLE LEVEL EDUCATION,  
B.S.

Learning Outcomes
1. Students who graduate with a B.S. in Middle Level Education should be able to ...
2. Understand the major concepts, principles, theories, and research related to young adolescent development, and they provide opportunities that support student development and learning.
3. Understand the major concepts, principles, theories, and research underlying the philosophical foundations of developmentally responsive middle level programs and schools, and they work successfully within these organizational components.
4. Understand the major concepts, principles, theories, standards, and research related to middle level curriculum and assessment, and they use this knowledge in their practice.
5. Understand and use the central concepts, tools of inquiry, standards, and structures of content in their chosen teaching fields, and they create meaningful learning experiences that develop all young adolescents’ competence in subject matter and skills.
6. Understand and use the major concepts, principles, theories, and research related to effective instruction and assessment, and they employ a variety of strategies for a developmentally appropriate climate to meet the varying abilities and learning styles of all young adolescents.
7. Understand the major concepts, principles, theories, and research related to working collaboratively with family and community members, and they use that knowledge to maximize the learning of all young adolescents.
8. Understand the complexity of teaching young adolescents, and they engage in practices and behaviors that develop their competence as professionals.

Admissions
Admission to the Professional Program
All University teacher education students must apply and be admitted to Professional Program/Internship at mid-point(s) in their programs prior to final internship (i.e., student teaching). Requirements for admission vary by program, but for undergraduate students include 60 credit hours with a minimum overall GPA of 2.75, successful completion of a state-approved basic skills examination, and courses as specified by program area.

Students should contact their program area or the College of Education Office of Student Affairs for specific requirements and application deadlines.

Degree Requirements (122-124 hours)
See College of Education (https://academicbulletins.sc.edu/undergraduate/education/) for certification requirements and other academic opportunities.

Program of Study

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Carolina Core</td>
<td>31-44</td>
</tr>
<tr>
<td>2. College Requirements</td>
<td>0</td>
</tr>
</tbody>
</table>

1. Carolina Core Requirements (31-43 hours)

CMW – Effective, Engaged, and Persuasive Communication: Written (6 hours)
*must be passed with a grade of C or higher*
- any CC-CMW course (https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/)

ARP – Analytical Reasoning and Problem Solving (6-7 hours)
- MATH 122 or MATH 141
- STAT 201

SCI – Scientific Literacy (7 hours)
- any two CC-SCI courses (https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/) (one must include a lab)

GFL – Global Citizenship and Multicultural Understanding: Foreign Language (0-6 hours)
To meet the GFL requirement, students in the BS in Middle Level Education complete the Carolina Core approved courses in Foreign Language (GFL) or by achieving a score of 2 or better on a USC foreign language placement test.
- CC-GFL courses (https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/)

GHS – Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)
- any CC-GHS course (https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/)

GSS – Global Citizenship and Multicultural Understanding: Social Sciences (3 hours)
- any CC-GSS course (https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/)

AIU – Aesthetic and Interpretive Understanding (3 hours)
- any CC-AIU course (https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/)

Founding Documents Requirement
All undergraduate students must take a 3-credit course or its equivalent with a passing grade in the subject areas of History, Political Science, or African American Studies that covers the founding documents including the United States Constitution, the Declaration of Independence, the Emancipation Proclamation and one or more documents that are foundational to the African American Freedom struggle, and a minimum of five essays from the Federalist papers. This course may count as a requirement in any part of the program of study including the Carolina Core, the major, minor or cognate, or as a general elective. Courses that meet this requirement are listed here (https://academicbulletins.sc.edu/undergraduate/founding-document-courses/).
CMS – Effective, Engaged, and Persuasive Communication: Spoken Component 1 (0-3 hours)
• any overlay or stand-alone CC-CMS course (https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/)

INF – Information Literacy 1 (0-3 hours)
• any overlay or stand-alone CC-INF course (https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/)

VSR – Values, Ethics, and Social Responsibility 1 (0-3 hours)
• any overlay or stand-alone CC-VSR course (https://academicbulletins.sc.edu/undergraduate/carolina-core-courses/)

Carolina Core Stand Alone or Overlay Eligible Requirements — Overlay-approved courses offer students the option of meeting two Carolina Core components in a single course. A maximum of two overlays is allowed. The total Carolina Core credit hours must add up to a minimum of 31 hours. Some programs may have a higher number of minimum Carolina Core hours due to specified requirements.

2. College Requirements (0 hours)
No college-required courses for this program.

3. Program Requirements (3-6 hours)
Supporting Courses (3 hours)
• Select an additional Carolina Core-approved SCI course

Minor (18 hours) optional
A student may choose to complete a minor consisting of 18 credit hours of prescribed courses. The minor is intended to develop a coherent basic preparation in a second area of study. Courses applied toward general education requirements cannot be counted toward the minor. No course may satisfy both major and minor requirements. All minor courses must be passed with a grade of C or better.

Electives (0-3 hours)
The number of elective hours required depends upon the number of hours used to fulfill other degree requirements. Minimum degree requirements must equal 122 hours.

4. Major Requirements (85-92 hours)
A minimum grade of C is required in all major requirements, including all major and concentration courses.

Major Courses (49 hours)
A minimum grade of C is required in all major courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDTE 201</td>
<td>Issues and Trends in Teaching and Learning</td>
<td></td>
</tr>
<tr>
<td>EDFI 300</td>
<td>Schools in Communities</td>
<td></td>
</tr>
<tr>
<td>EDPY 401</td>
<td>Learners and the Diversity of Learning</td>
<td></td>
</tr>
<tr>
<td>EDML 321</td>
<td>Middle Level Teaching and Management</td>
<td></td>
</tr>
<tr>
<td>EDTE 522</td>
<td>Integrated Curriculum at the Middle Level</td>
<td></td>
</tr>
<tr>
<td>EDML 470</td>
<td>Foundations in Reading</td>
<td></td>
</tr>
<tr>
<td>EDML 471</td>
<td>Middle Level Content Area Reading and Writing</td>
<td></td>
</tr>
<tr>
<td>EDEX 491</td>
<td>Introduction to Inclusion of Students with Mild Disabilities</td>
<td></td>
</tr>
<tr>
<td>EDRM 423</td>
<td>Introduction to Classroom Assessment</td>
<td></td>
</tr>
</tbody>
</table>

Select two middle grades content-specific methods courses (500-level) from the following 4 courses:

- EDML 553 Methods and Materials for Teaching Science in the Middle Grades
- EDML 563 Methods and Materials for Teaching Social Studies in the Middle School
- EDML 573 Methods and Materials for Teaching English/Language Arts in the Middle Grades
- EDML 583 Methods and Materials for Teaching Mathematics in the Middle Grades

Clinical Experience
- EDML 498 Internship A in the Middle School
- EDML 499 Internship B in the Middle School
- EDML 584 Middle School Internship Seminar

Total Credit Hours 49

Concentrations (36-41 hours)
Must be in addition to courses taken to meet Carolina Core requirements.

Specialization is required in two different content areas, chosen from:

- English
- Mathematics
- Science
- Social Studies

Students pursuing a B.S. degree cannot choose the English/Social Studies combination.

Specialization A (18-23 hours)
To be completed with courses listed below and approved by College of Education advisor in English, mathematics, science, or social studies.

Specialization B (18-23 hours)
To be completed with courses listed below and approved by College of Education advisor in English, mathematics, science, or social studies and different from Specialization A.

English Specialization (18 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDML 572</td>
<td>Middle Level Literacy Assessment</td>
<td></td>
</tr>
<tr>
<td>ENGL 431A</td>
<td>Children's Literature</td>
<td></td>
</tr>
<tr>
<td>or ENGL 431B</td>
<td>Picture Books</td>
<td></td>
</tr>
<tr>
<td>or ENGL 432</td>
<td>Young Adult Literature</td>
<td></td>
</tr>
<tr>
<td>ENGL 428A</td>
<td>African-American Literature I: to 1903</td>
<td></td>
</tr>
<tr>
<td>or ENGL 428B</td>
<td>African-American Literature II: 1903–Present</td>
<td></td>
</tr>
<tr>
<td>ENGL 360</td>
<td>Creative Writing</td>
<td></td>
</tr>
<tr>
<td>or ENGL 460</td>
<td>Advanced Writing</td>
<td></td>
</tr>
<tr>
<td>or ENGL 461</td>
<td>The Teaching of Writing</td>
<td></td>
</tr>
<tr>
<td>ENGL 450</td>
<td>English Grammar</td>
<td></td>
</tr>
<tr>
<td>or ENGL 389</td>
<td>The English Language</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following: 3
ENGL 380  Epic to Romance
ENGL 383  Romanticism
ENGL 384  Realism
ENGL 385  Modernism
ENGL 386  Postmodernism
ENGL 400  Early English Literature
ENGL 401  Chaucer
ENGL 402  Tudor Literature
ENGL 403  The 17th Century
ENGL 404  English Drama to 1660
ENGL 405  Shakespeare’s Tragedies
ENGL 406  Shakespeare’s Comedies and Histories
ENGL 407  Milton
ENGL 410  The Restoration and 18th Century
ENGL 411  British Romantic Literature
ENGL 412  Victorian Literature
ENGL 413  Modern English Literature
ENGL 414  English Drama Since 1660
ENGL 415  The English Novel I
ENGL 416  The English Novel II
ENGL 419  Selected Topics in Pre-1800 Literature and Culture
ENGL 420  American Literature to 1830
ENGL 421  American Literature 1830-1860
ENGL 422  American Literature 1860-1910
ENGL 423  Modern American Literature
ENGL 424  American Drama
ENGL 427  Southern Literature
ENGL 425A  The American Novel to 1914
ENGL 425B  The American Novel Since 1914
ENGL 426  American Poetry
ENGL 429  Selected Topics in Post-1800 Literature and Culture
ENGL 435  The Short Story
ENGL 436  Science Fiction Literature
ENGL 437  Women Writers
ENGL 438A  South Carolina Writers
ENGL 438B  Scottish Literature
ENGL 438C  Irish Literature
ENGL 438D  African Literature
ENGL 438E  Caribbean Literature
ENGL 439  Selected Topics

Total Credit Hours 18

Social Studies Specialization (18 hours)

HIST 101  European Civilization from Ancient Times to the Mid-17th Century 3
HIST 102  European Civilization from the Mid-17th Century 3
HIST 111  United States History to 1865 3
or HIST 112  United States History since 1865 3
GEOG 561  Contemporary Issues in Geography Education 3
Select one of the following: 3
HIST 409  The History of South Carolina, 1670-1865

Total Credit Hours 18

Mathematics Specialization (18-19 hours)

Select one course from the following: 3-4
EDTE 500  Mathematics Knowledge for Teaching I: PK-8
MATH 603  Inquiry Approach to Algebra
MATH 142  Calculus II (if not used above)

Select one course from the following: 3
EDTE 501  Mathematics Knowledge for Teaching II: PK-8
MATH 602  An Inductive Approach to Geometry
MATH 531  Foundations of Geometry
MATH 401  Conceptual History of Mathematics
or MATH 241  Vector Calculus

Select three additional courses from the following: 9
MATH 141  Calculus I (if not used for Carolina Core requirement)
MATH 142  Calculus II (if not used above)
MATH 241  Vector Calculus (if not used above)
MATH 170  Finite Mathematics
or MATH 171  Discrete Mathematics for Computer Science
MATH 511  Probability
MATH 544  Linear Algebra
MATH 546  Algebraic Structures I
MATH 574  Discrete Mathematics I
MATH 580  Elementary Number Theory
STAT 506  Introduction to Experimental Design
STAT 515  Statistical Methods I
STAT 516  Statistical Methods II (if STAT 506 was not taken)

Total Credit Hours 18-19

Science Specialization (18-23 hours)

Select two courses from each of the following sciences:

Life Science

Select 6-7 hours of the following: 6-7
BIOI 110  General Biology
BIOI 206  Genetics and Society
BIOI 243  Human Anatomy and Physiology I
BIOI 270  Introduction to Environmental Biology (cannot be used if GEOL 103 used to fulfill Carolina Core) 1

Total Credit Hours 18-23
Middle Level Education, B.S.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMED 587</td>
<td>Interdependence of Living Systems</td>
</tr>
</tbody>
</table>

**Physical Science**

Select 6-8 hours of the following: 6-8

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 201</td>
<td>General Physics I</td>
</tr>
<tr>
<td>&amp; 201L</td>
<td>and General Physics Laboratory I</td>
</tr>
<tr>
<td>PHYS 202</td>
<td>General Physics II</td>
</tr>
<tr>
<td>&amp; 202L</td>
<td>and General Physics Laboratory II</td>
</tr>
<tr>
<td>PHYS 153</td>
<td>Physics in the Visual Arts</td>
</tr>
<tr>
<td>&amp; 153L</td>
<td>and Physics in the Visual Arts Laboratory</td>
</tr>
<tr>
<td>PHYS 155</td>
<td>Musical Acoustics</td>
</tr>
<tr>
<td>CHEM 102</td>
<td>Fundamental Chemistry II (if not used for Carolina Core requirement)</td>
</tr>
<tr>
<td>CHEM 105</td>
<td>Chemistry and Modern Society I (if not used for Carolina Core requirement)</td>
</tr>
<tr>
<td>CHEM 111</td>
<td>General Chemistry I (if not used for Carolina Core requirement)</td>
</tr>
<tr>
<td>SMED 586</td>
<td>Energy, Motion, and Matter</td>
</tr>
</tbody>
</table>

**Earth Science**

Select 6-8 hours of the following: 6-7

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 201</td>
<td>Landform Geography</td>
</tr>
<tr>
<td>GEOG 202</td>
<td>Weather and Climate</td>
</tr>
<tr>
<td>GEOL 101</td>
<td>Introduction to the Earth</td>
</tr>
<tr>
<td>GEOL 103</td>
<td>Environment of the Earth</td>
</tr>
<tr>
<td>GEOL 110</td>
<td>Cultural Geology</td>
</tr>
<tr>
<td>GEOL 205</td>
<td>Earth Resources (cannot be used if GEOL 103 used to fulfill Carolina Core)</td>
</tr>
<tr>
<td>GEOL 215</td>
<td>Coastal Environments of the Southeastern U.S.</td>
</tr>
<tr>
<td>GEOL 302</td>
<td>Rocks and Minerals</td>
</tr>
<tr>
<td>MSCI 210</td>
<td>Oceans and Society</td>
</tr>
<tr>
<td>SMED 588</td>
<td>Origin and Evolution of Living and Non-Living Systems</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 18-22

1 Cannot be used if GEOL 103 used to fulfill Carolina Core.

**Major Map**

A major map is a layout of required courses in a given program of study, including critical courses and suggested course sequences to ensure a clear path to graduation.

Major maps are only a suggested or recommended sequence of courses required in a program of study. Please contact your academic advisor for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.

- Middle Level Education, B.S. Mathematics & English Concentration
- Middle Level Education, B.S. Mathematics & Science Concentration
- Middle Level Education, B.S. Mathematics & Social Studies Concentration
- Middle Level Education, B.S. Science & English Concentration
- Middle Level Education, B.S. Science & Social Studies Concentration