This course plan is a recommended sequence for this major. Courses designated as critical (!) may have a deadline for completion and/or affect time to graduation. Please see the Program Notes section for details regarding "critical courses" for this particular Program of Study.

<table>
<thead>
<tr>
<th>Critical Course Subject and Title</th>
<th>Credit Hours</th>
<th>Min. Grade</th>
<th>Major GPA</th>
<th>Code</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester One (15 Credit Hours)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 101 Critical Reading and Composition</td>
<td>3</td>
<td>C</td>
<td>CC-CMW</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| MATH 122 Calculus for Bus. Admin. & Soc. Sciences 
  or MATH 141 Calculus 1¹                                        | 3            |            | CC-ARP    |       | MATH 122: MATH 111/1111 
  /115, MATH 141: MATH 112, 115, 116, or Math placement test        |                         |
| Carolina Core AIU Requirement⁴                                       | 3            |            | CC-AIU    |       |                                                                                |                         |
| Carolina Core GHS Course⁴                                            | 3            |            | CC-GHS    |       |                                                                                |                         |
| Elective (UNIV 101 The Student in the University) 
  or Carolina Core Requirement⁴ (and/or Foreign language⁴)         | 3            |            | PR/CC/ (GFL)|     |                                                                                |                         |
| **Semester Two (16 Credit Hours)**                                     |              |            |           |       |                                                                                |                         |
| ENGL 102 Rhetoric and Composition                                     | 3            | C          | CC-CMW/INF|       |                                                                                |                         |
| STAT 201 Elementary Statistics                                       | 3            |            | CC-ARP    |       | MATH 111, 115, or STAT 110                                                    |                         |
| Carolina Core GSS Req.⁴ (and/or Foreign language⁴)                   | 3            |            | CC-GSS (GFL)|     |                                                                                |                         |
| Carolina Core SCI Requirement⁴                                       | 4            |            | CC-SCI    |       |                                                                                |                         |
| EDTF 201 Issues & Trends in Teaching & Learning                      | 3            | C          | *         | MR    |                                                                                |                         |
| **Semester Three (15-18 Credit Hours)**                               |              |            |           |       |                                                                                |                         |
| EDFI 300 Schools in Communities                                      | 3            | C          | *         | MR    |                                                                                |                         |
| Mathematics Content Course⁷                                           | 3-4          |            | MR        |       | See listing in Bulletin                                                       |                         |
| Science Content Course⁷                                               | 3-4          |            | MR        |       | See listing in Bulletin                                                       |                         |
| Carolina Core SCI Requirement⁴                                       | 3-4          |            | CC-SCI    |       |                                                                                |                         |
| Carolina Core CMS/VSR Requirement⁴                                   | 3            |            | CC-CMS/VSR|       |                                                                                |                         |
| **Semester Four (15-17 Credit Hours)**                                |              |            |           |       |                                                                                |                         |
| EDPY 401 Learners and the Diversity of Learning                      | 3            | C          | *         | MR    |                                                                                |                         |
| Mathematics Content Course⁷                                           | 3-4          |            | MR        |       | See listing in Bulletin                                                       |                         |
| Mathematics Content Course⁷                                           | 3            |            | MR        |       | See listing in Bulletin                                                       |                         |
| Science Content Course⁷                                               | 3-4          |            | MR        |       | See listing in Bulletin                                                       |                         |
| Additional Carolina Core-Approved SCI                               | 3            |            | PR        |       |                                                                                |                         |
| **Semester Five (15-17 Credit Hours)**                                |              |            |           |       |                                                                                |                         |
| ! EDML 470 Foundations in Reading                                    | 3            | C          | *         | MR    |                                                                                |                         |
| Mathematics Content Course⁷                                           | 3            |            | MR        |       | See listing in Bulletin                                                       |                         |
| Mathematics Content Course⁷                                           | 3            |            | MR        |       | See listing in Bulletin                                                       |                         |
| Science Content Course⁷                                               | 3-4          |            | MR        |       | See listing in Bulletin                                                       |                         |
| Science Content Course⁷                                               | 3-4          |            | MR        |       | See listing in Bulletin                                                       |                         |
| ! EDEX 491 Intro. to Inclusion of Stud. w/ Mild Disabilities          | 2            | C          | *         | MR    | Adm. to Professional Program                                                   |                         |
| ! EDML 471 Mid. Lev. Content Area Read. & Writ.                       | 3            | C          | *         | MR    | Adm. to Professional Program                                                   |                         |
| ! EDML 321 Middle Level Teaching & Management                         | 3            | C          | *         | MR    | Adm. to Professional Program                                                   |                         |
| Mathematics Content Course⁷                                           | 3            |            | MR        |       | See listing in Bulletin                                                       |                         |
| Science Content Course⁷                                               | 3-4          |            | MR        |       | See listing in Bulletin                                                       |                         |
| Science Content Course⁷                                               | 3-4          |            | MR        |       | See listing in Bulletin                                                       |                         |
| ! EDML 533 Methods & Materials for Teaching Science in the Middle Grades | 3            | C          | *         | MR    | Admission to Internship A                                                     |                         |
| ! EDML 553 Methods & Materials for Teaching Science in the Middle Grades | 3            | C          | *         | MR    | Admission to Internship A                                                     |                         |
| **Semester Six (17-19 Credit Hours)**                                 |              |            |           |       |                                                                                |                         |
| **Semester Seven (14 Credit Hours)**                                  |              |            |           |       |                                                                                |                         |
| ! EDML 598 Internship A in the Middle School¹                        | 3            | B          | *         | MR    | Admission to Internship A                                                     |                         |
| ! EDTF 522 Intgr. Curriculum at the Middle Level                      | 3            | C          | *         | MR    | Admission to Internship A                                                     |                         |
| ! EDRM 423 Introduction to Classroom Assessment                      | 2            | C          | *         | MR    | Admission to Internship A                                                     |                         |
| ! EDML 583 Methods & Materials for Teaching Math. in the Middle Grades | 3            | C          | *         | MR    | Admission to Internship A                                                     |                         |
| ! EDML 553 Methods & Materials for Teaching Science in the Middle Grades | 3            | C          | *         | MR    | Admission to Internship A                                                     |                         |
| **Semester Eight (15 Credit Hours)**                                  |              |            |           |       |                                                                                |                         |
| ! EDML 599 Internship B in the Middle School¹                        | 12           | C          | *         | MR    | CC-INT Admission to Internship B                                              |                         |
| ! EDML 584 Middle School Internship Seminar                           | 3            | C          | *         | MR    | Admission to Internship B                                                     |                         |

F. Boyd 1/17/2018
Graduation Requirements Summary

<table>
<thead>
<tr>
<th>Minimum Total Hours</th>
<th>Minimum Major Requirements Hours</th>
<th>College &amp; Program Requirements Hours</th>
<th>Carolina Core Hours(^3) &amp; (^5)</th>
<th>Minimum Institutional GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>122</td>
<td>85</td>
<td>3-6</td>
<td>31-34</td>
<td>2.75</td>
</tr>
</tbody>
</table>

1. Regardless of individual course grades, students must maintain a minimum 2.75 cumulative GPA.
2. Some colleges require a minimum GPA for major courses. Courses indicated in this column are included in the major GPA for this program of study. A 3.0 GPA must be achieved in all education courses.
3. Students who do not place into MATH 122 or 141 will be required to take the required prerequisite before proceeding with MATH 122 or 141.
4. The Carolina Core provides the common core of knowledge, skill and academic experience for all Carolina undergraduate students. Although students may take up to 43 hours to meet all Carolina Core requirements, students in the Middle Level Education program must complete two Carolina Core approved “overlay-eligible” courses in order to graduate on time and avoid summer courses or taking more than five courses in some semesters.
5. The Carolina Core requires either two approved courses in one Foreign Language or a score of two or higher on the foreign language placement test. If a student in the Middle Level Education program is not exempted from the foreign language requirement through the foreign language placement test, additional courses may be required to meet all Carolina Core components.

6. Information for the Praxis Core exam can be found on the College of Education, Office of Student Services website.
7. Content Courses (36-38 hours)

### Mathematics Content Requirements (18-20 hours):
- MATH 603 – Inquiry Approach to Algebra (3)
- or MATH 142 – Calculus II (4) \(\text{if not used for Carolina Core Requirement}\)
- MATH 602 – An Inductive Approach to Geometry (3)
- or MATH 531 – Foundations of Geometry (3)
- MATH 401 – Conceptual History of Mathematics (3)
- or MATH 241 – Vector Calculus (3)

### Science Content Requirements (18-23 hours):
- Select 3 courses from: MATH 141 \(\text{if not used for Carolina Core Requirement}\); MATH 142 \(\text{if not used above}\); MATH 241 \(\text{if not used above}\); MATH 170 or MATH 174 \(\text{if not used for Carolina Core Requirement}\); MATH 511; MATH 544; MATH 546; MATH 574; MATH 580; STAT 506; STAT 515; STAT 516

**Note:** Courses used to fulfill Carolina Core requirements may not also be used to fulfill major content courses.

*If GEOL 103 was used to meet the Carolina Core SCI requirement, neither BIOL 206 nor BIOL 206 (3); BIOL 232 (3); BIOL 270* & BIOL 270L (4); SMED 397 (3)

Two courses (6-8 hours) in Life Science from the following: BIOL 300 & BIOL 300L (4); BIOL 206 (3); BIOL 232 (3); BIOL 270* & BIOL 270L (4); SMED 397 (3)

Two courses (6-8 hours) in Physical Science from the following: PHYS 201 & PHYS 201L (4); PHYS 202 & PHYS 202L (4); PHYS 153 & PHYS 153L (4); PHYS 155 (3); CHEM 102 (4); CHEM 105 (4); CHEM 111 & CHEM 111L (4); SMED 397 (3)

Two courses (6-8 hours) in Earth Science from the following: GEOL 302 (4); GEOL 205* (3); MSCI 210 (3); GEOL 215 (3); GEOL 230 (3); GEOL 250 (3); SMED 397 (3)

8. For admission into EDML 598 Internship A in the Middle School, a candidate must: 1) be admitted to the professional program; 2) complete with a grade of C or better EDUC 491, EDML 312, EDUC 470, and EDUC 471; 3) achieve a GPA of 3.00 or higher in all education course work; & 4) comply with criminal background check and health screening requirements.

9. For admission to EDML 599 Internship B in the Middle School, a candidate must: 1) complete EDML 598 with a grade of B or better; 2) complete with a grade of C or better EDUC 522, the two EDML Methods courses, and EDUC 423; & 3) complete four of the six courses in each of the two content areas.

**Program Notes:**
- Courses designated as “critical” (!) must be taken in the semester in which they are listed.
- Upon completion of 60 hours of course work, including the completion of the 9-semester-hour education core (EDTE 201, EDFI 300, and EDPY 401), the candidate may apply for admission to the Professional Education Program in Middle Level Education. For admission requirements to the Professional Program, please visit the Bulletin.
- Students in the Department of Instruction and Teacher Education will be allowed to repeat one time only, one course offered through a department in the College of Education for which an unsatisfactory grade was earned. If after the first unsatisfactory grade, a student makes an unsatisfactory grade in the repeated course or any other College of Education course, he/she will no longer be eligible to progress in the program.
- All initial teacher licensure programs in the College of Education require extensive field experiences in P-12 schools. All students must read and understand the rules and expectations outlined in the Preservice Teacher Education Clinical Experiences Manual. Prior to participating in school field experiences, students must have been cleared through a criminal background check and must have a negative test for TB on file with the College of Education.

**University Requirements:** Bachelor’s degree-seeking students must meet Carolina Core (general education) requirements. For more information regarding these requirements, please visit the Carolina Core page on the University website.

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**Codes:**

- **CC** Carolina Core
- **CC-AIU** Carolina Core–Aesthetic and Interpretive Understanding
- **CC-ARP** Carolina Core–Analytical Reasoning and Problem-Solving
- **CC-CMS** Carolina Core–Effective, Engaged, and Persuasive Communication: Spoken Component
- **CC-GFL** Carolina Core–Global Citizenship and Multicultural Understanding: Foreign Language
- **CC-GHS** Carolina Core–Historical Thinking
- **CC-GSS** Carolina Core–Social Sciences
- **CC-INF** Carolina Core – Information Literacy
- **CC-INT** Carolina Core – Integrative Course
- **CC-SCI** Carolina Core – Scientific Literacy
- **CC-VSR** Carolina Core – Values, Ethics, and Social Responsibility
- **CR** College Requirement
- **MR** Major Requirement
- **PR** Program Requirement

**Disclaimer:** 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.