Minimum of 132 s.h. required for graduation (36 s.h. must be 300/400-level courses)

(Additional hours to total 132 s.h. – includes second major, minor, and elective hours.)

Name________________________________________ I.D. #________________________ H.S. deficiencies: Math ___ Foreign Language ___

### General Studies Requirements
(General Studies must total at least 58 s.h.)

**FIRST-YEAR CORE:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GST 110 - Global Experience</td>
<td>4 s.h.</td>
</tr>
<tr>
<td>ENG 110 - College Writing</td>
<td>4 s.h.</td>
</tr>
<tr>
<td>MTH 112 or 212</td>
<td>4 s.h.</td>
</tr>
<tr>
<td>HED 111 – Contemp. Wellness Issues</td>
<td>2 s.h.</td>
</tr>
</tbody>
</table>

**Experiential Learning Requirement (ELR):** (One Unit)

- May be met by any one of the following: internship, practicum, co-op, study abroad, student teaching or an approved field-based course. Also may be met by service, leadership, or individualized learning experience.

**Foreign Language Requirement:**

Students must meet one of the following: placing beyond FL 122 on the CAPE placement test, completing a 122-level language course, completing a semester or summer in a university-approved program in a non-English speaking country with language study at the 122-level or above, scoring 4 or 5 on an Advanced Placement language exam.

**STUDIES IN THE ARTS AND SCIENCES:**

[Transfer students with at least 18 s.h. of transfer credit must complete 32 hours total in Studies in the Arts & Sciences, but may have as few as 7 hours in one or more of the four Studies in the Arts & Sciences areas.]

**Expression**

Eight hours chosen from at least two of the following:
- Literature (in English or foreign languages)
- Philosophy
- Fine arts (art, art history, dance, fine arts, music, music theatre, & theatre)

At least one course must be literature.

**Civilization**

Eight hours chosen from at least two of the following:
- History
- Foreign languages
- Religion

Students taking foreign language courses to meet Elon’s proficiency requirement may only apply 4 s.h. of that coursework toward Civilization.

**Society**

Eight hours chosen from at least two of the following:
- Economics
- Geography
- Political science
- Psychology
- Sociology/Anthropology

**Science**

Eight hours chosen from one or more of the following:
- Mathematics
- Science
- Computer science (must have the CSC department designation)

At least one course must be a physical or biological laboratory science.

**ADVANCED STUDIES** (Must be outside major):

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*PSY 321</td>
<td>8 s.h.</td>
</tr>
<tr>
<td>*BIO 322</td>
<td>8 s.h.</td>
</tr>
</tbody>
</table>

Eight hours of 300-400 level courses outside the major field chosen from departments and areas listed under Studies in the Arts and Sciences.

**GST Interdisciplinary Seminar**

Four s.h. [300-400 level GST course; requires junior/senior status.]

### Special Education & Science Education Major Requirements

A minimum of 94 s.h. in the following courses is required.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*BIO 111 (3) &amp; 113 (1) – Intro Cell Bio. &amp; Lab</td>
<td></td>
</tr>
<tr>
<td>*BIO 112 (3) &amp; 114 (1) – Intro Pop Bio and Lab</td>
<td></td>
</tr>
<tr>
<td>BIO 221 (4) – Zoology</td>
<td></td>
</tr>
<tr>
<td>BIO 222 (4) – Botany</td>
<td></td>
</tr>
</tbody>
</table>
| *BIO 322 (4) – Molecular/Cellular Biology | (Junior standing or Instructor consent)

Choose one course (4 s.h.) from the following:

- BIO 312 (4) – Comparative Vertebrate Anatomy
- BIO 321 (4) - Microbiology
- BIO 325 (4) - Human Histology
- BIO 342 (4) – Plant Physiology
- BIO 452 (4) - General Ecology

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 111 (3) &amp; 113 (1) – General Chemistry I &amp; Lab</td>
<td></td>
</tr>
<tr>
<td>CHM 112 (3) &amp; 114 (1) - General Chemistry II &amp; Lab</td>
<td></td>
</tr>
<tr>
<td>CHM 211 (3) &amp; 213 (1) - Organic Chemistry I &amp; Lab</td>
<td></td>
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</tbody>
</table>

Choose one course (4 s.h.) from the following:

- CHM 212 (3) & 214 (1) - Organic Chemistry II & Lab
- CHM 205 (4) – Inorganic Chemistry

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 102 (4) – Introduction to Astronomy</td>
<td></td>
</tr>
<tr>
<td>PHY 103 (4) – Introduction to Geology</td>
<td></td>
</tr>
</tbody>
</table>

### Professional Studies (46 s.h.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 211 (4) – School and Society</td>
<td></td>
</tr>
<tr>
<td>CIS 220 (3) - Computers &amp; Teaching</td>
<td></td>
</tr>
<tr>
<td>PSY 321 (4) - Educational Psychology</td>
<td></td>
</tr>
<tr>
<td>EDU 342 (3) – Foundations of Special Education</td>
<td></td>
</tr>
<tr>
<td>EDU 345 (4) - Planning &amp; Managing the Learning Environment in Special Education</td>
<td></td>
</tr>
<tr>
<td>EDU 424 (4) – Materials and Methods of Teaching Middle Grades and Secondary Science</td>
<td></td>
</tr>
<tr>
<td>EDU 435 (4) - Assessment Methods &amp; Interpretation in Special Education</td>
<td></td>
</tr>
<tr>
<td>EDU 444 (4) – Language &amp; Literacy in Special Education</td>
<td></td>
</tr>
<tr>
<td>EDU 445 (4) – Teaching/Learning Strategies for Students in Special Education</td>
<td></td>
</tr>
<tr>
<td>EDU 480 (2) - Student Teaching Seminar</td>
<td></td>
</tr>
<tr>
<td>EDU 481 (10) – Supervised Observation &amp; Student Teaching</td>
<td></td>
</tr>
</tbody>
</table>

**Major Total (s.h.)**

*Required in major; may count in General Studies.*
Mission of Teacher Education at Elon University

The mission of Teacher Education at Elon is to prepare quality teachers who are knowledgeable, responsible and thoughtful professionals. The conceptual framework, "Thoughtful Practice in a Community of Learners," reflects an intention to create a learning environment in which teacher candidates inquire, collaborate and construct the knowledge, skills and dispositions for professional practice.

Science Teacher Licensure Program Mission

The Science Teacher Licensure Program (biology concentration) is committed to preparing quality teachers who are as follows:

- Knowledgeable of the learning characteristics of exceptional students who access the general curriculum (students with learning disabilities, mild mental retardation and emotional/behavioral disorders)
- Knowledgeable of instructional strategies, curricula and assessment methods appropriate for exceptional students
- Knowledgeable in biology content and process
- Professional in meeting responsibilities both within the university and in the classroom
- Skillful in using inquiry to enhance their own and their students’ learning and development
- Committed to and respectful of the communities in which they live and teach.

Steps to Teacher Licensure

I. Freshman Year
1. Plan program with coordinator of special education and science education.
2. Apply for admission to the Teacher Education Program in the Teacher Education Office, Mooney 102 if you are spending a semester abroad in sophomore year.

II. Sophomore Year or earlier
1. Declare the major. Complete forms in Academic Advising, Duke 108
2. Apply for admission to the Teacher Education Program in the Teacher Education Office, Mooney 102 (if not completed previously)
3. Determine whether Praxis Series/PPST (Pre-Professional Skills Test) is required. If combined SAT score is 1100 or greater, the PPST is not required. If one part of the SAT is 550 or greater, that section of the PPST is not required
4. If PPST is required, obtain registration bulletin for the test from the Teacher Education Office
5. Have PPST scores sent to Elon University and to the Department of Public Instruction in Raleigh
6. Have an overall grade point average of at least 2.50. Maintain at least a 2.50 GPA throughout the program
7. Be screened by the Education Department and science education screening committees
8. Attend the School of Education Induction Ceremony
9. Only after a student has been unconditionally admitted to Teacher Education may he/she enroll in Education (EDU) courses at the 300-400 level.

III. Semester Prior to Student Teaching
1. Have an overall GPA of at least 2.50
2. Apply for student teaching. Forms are available in the Teacher Education Office.

IV. Semester of Student Teaching
1. Submit focused unit via LiveText
3. Submit professional portfolio

V. At End of Student Teaching
1. Obtain licensure forms from the Teacher Education Office
2. Clear all requirements with the Office of the Registrar.