### UNIVERSITY POLICIES
Salisbury University minors require:
- The completion of at least 18 credits with grades of C or better.
- At least 15 credits applied toward the minor must be coursework that is not used to satisfy General Education requirements.
- At least nine credits must be earned at SU.

### MINOR REQUIREMENTS
- **Required core science courses** include:
  - Two lab science courses from different prefix areas (see Groups 1-3 on back)
  - An approved STEM elective or science course from a third prefix area, and a laboratory safety class
- Take 3 additional courses from at least 2 disciplines, which may include science prefixes (i.e., BIOL, CHEM, ELED, ENVH, ENVIR, GEOG/GEOL, PHYS) (GEOG courses must be in physical geography or geography methodology, not human geography. For the purposes of the minor, GEOG and GEOL will be considered one discipline.) and/or appropriate education prefixes (e.g., appropriate ISED or ELED prefix topics courses with approval from the minor coordinator).
- At least 6 credits of the electives must be at the 200 level or above.
- Courses/prefixes shown are the preferred core courses at SU, but transfer courses can be substituted on the approval of the minor coordinator.
- Complete all courses with grades of C or better.
- The minor consists of a **minimum of 23 credits**, 15 of which must be courses that are beyond those required for General Education.

### Course No. & Title  
<table>
<thead>
<tr>
<th>#Credits</th>
<th>Grade Taken @SU</th>
<th>Term Completed</th>
</tr>
</thead>
</table>

**CORE SCIENCE COURSES (4 courses)**

<table>
<thead>
<tr>
<th>Complete two lab science courses from two science prefix areas (see Groups 1-3 on back)</th>
<th>4</th>
<th>Y/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete an approved STEM elective or science course from a third prefix area (see Groups 1-5 on back)</td>
<td>3/4</td>
<td>Y/N</td>
</tr>
<tr>
<td>Complete the following: BIOL115/MDTC101 - Safety in the Biological, Chemical and Clinical Laboratory</td>
<td>1</td>
<td>Y/N</td>
</tr>
</tbody>
</table>

**ADDITIONAL SCIENCE OR STEM ELECTIVE COURSES (3 courses)**

| Complete at least 3 additional courses (lab or non-lab) in at least 2 department prefixes or approved equivalents (see Groups 1-5 on back): | 3/4 | Y/N |
| (200 level or above) | 3/4 | Y/N |

**ADDITIONAL REQUIREMENT (1 course)**

| EDUC470 - Practicum in Middle School Science Education | 3 | Y/N |

(Approved elective class list on the back)
APPROVED ELECTIVE COURSE LIST

• Additional courses (such as ELED 390) may be considered for the minor with the approval of the minor coordinator.
• Students should check the SU catalog for prerequisites needed to take specific courses listed.

GROUP 1: BIOLOGY (BIOI)

205 Fundamentals of Human Anatomy and Physiology 4
210 Biology: Concepts and Methods 4
211 Microbiology 4
212 Introduction to Plant Biology 4
213 Zoology 4
214 Medical Physiology 4
215 Human Anatomy and Physiology I 4
216 Human Anatomy and Physiology II 4
220 Humans and the Environment 4
313 Comparative Anatomy 4
320 Biology of Vertebrates 4
321 Invertebrate Zoology 4
323 Medical Microbiology 4
325 Plant Anatomy 4
333 Immunology 4
360 Genetic Analysis 4
421 Mammalogy 4

GROUP 2: CHEMISTRY (CHEM) & PHYSICS (PHYS)

Chemistry (CHEM)
107 Chemistry: A Humanistic Perspective 4
109 Energy and the Environment 4
220 Humans and the Environment 4

Physics (PHYS)
100 Physics in the Modern World 4
108 Introduction to Astronomy 4
121 General Physics I 4
123 General Physics II 4

GROUP 3: GEOGRAPHY (GEOG/GEOL)

Note: For the purposes of this minor, GEOG and GEOL count as a single prefix area.

Geography (GEOG)
201 Weather and Climate 4
204 Spatial Analysis 4

Geology (GEOL)
103 Introduction to Physical Geology 4
206 Historical Geology 4

GROUP 4: STEM ELECTIVES

BIOI105 Biology and Society 3
CHEM111 Big Ideas in Chemistry 3
ENGR100 Introduction to Engineering Design 3
ENVH110 Introduction to Environmental Science 3
ENVH210 Introduction to Environmental Health Science 3
(prereq: BIOD 210)
ENVR102 Introduction to Sustainability 4
ENVR200 Environmental Studies in the Amazon 3
ENVR350 Topics in Natural Sciences 4
(prereq: 2 lab sciences with different prefixes)
ENVR460 Topics in Chesapeake Bay Studies 3-4
(prereq: sophomore standing)
GEOG107 Weather and Human Affairs 3
GEOG141 Current Issues in Earth Science 3
ISED208 Great Inventions 3
ISED390 Studies in Integrated STEM Education 1-4
(under appropriate subtitle)

GROUP 5: SCIENCE ELECTIVES

Biology (BIOL)
105 Biology and Society 3
217 Nutrition 3
219 Biology of Human Aging 3
250 Economic Botany 3
260 Biological Drawing and Illustration 3
301 History and Literature of Biology 2
312 Plant Taxonomy 3
322 Parasitology 3
324 Plant Morphology 3
399 International Field Studies 3
413 Entomology 3

Chemistry (CHEM)
210 Introduction to Chemical Research 1-3
220 Humans and the Environment 4

Environmental Health Science (ENVH)
110 Introduction to Environmental Science 3
210 Introduction to Environmental Health Science 3

Environmental Studies (ENVR)
102 Earth Literacy 3

Integrated STEM Education (ISED)
208 Great Inventions 3
390 Studies in Integrated STEM Education 1-4
(must be pre-approved by minor coordinator)

Geography (GEOG)*
107 Weather and Human Affairs 3
141 Current Issues in Earth Science 3
219 Map Interpretation and Analysis 3
311 Coastal Processes 3
312 Severe and Hazardous Weather 3
316 Biogeography 3
401 Soil, Water and Environment 3
410 Meteorology 3
411 Geomorphology 3
413 Applied Climatology 3

Geology (GEOL)*
405 Environmental Geology 3

Physics
399 Intermediate Special Topics in Physics 1-3

* Note: For the purposes of this minor, GEOG and GEOL count as a single prefix area)