Preparing Educators who are Scholars and Leaders

Teaching Internship (Fall Term After Graduation):

- EUED 670 (6) Teaching Internship

The Following (See Education Department):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 111</td>
<td>4</td>
<td>Foundations of Biology</td>
</tr>
<tr>
<td>BIO 221</td>
<td>4</td>
<td>Genetics (Prereq: BIO 111)</td>
</tr>
<tr>
<td>BIO 340</td>
<td>4</td>
<td>Ecology (Prereq: BIO 222)</td>
</tr>
<tr>
<td>BIO 341</td>
<td>2</td>
<td>Tropical Ecology (Prereq: BIO 111 and permission of instructor)</td>
</tr>
<tr>
<td>BIO 320</td>
<td>4</td>
<td>Animal Physiology (Prereq: BIO 222)</td>
</tr>
<tr>
<td>BIO 321</td>
<td>4</td>
<td>Plant Physiology (Prereq: BIO 222)</td>
</tr>
<tr>
<td>BIO 075</td>
<td>0</td>
<td>Seminar in Biology (Prereq: permission of instructor)</td>
</tr>
</tbody>
</table>

Plus At Least Four Electives (4 Courses) From the Following:

- BIO 361 (4) Microbiology (Prereq: BIO 221)
- BIO 302 (4) Molecular Genetics (Prereq: BIO 221 and 222)
- BIO 303 (4) Biochemistry of the Cell (Prereq: BIO 222 and CHM 120)
- BIO 400 (4) Field Botany (Prereq: BIO 111)
- BIO 401 (4) Applied Plant Science (Prereq: BIO 111)
- BIO 420 (4) Comparative Anatomy and Embryology (Prereq: BIO 111)
- BIO 421 (4) Invertebrate Zoology (Prereq: BIO 222)
- BIO 422 (4) Field Zoology (Prereq: BIO 222)
- BIO 423 (4) Marine Biology (Prereq: Any BIO course and permission of instructor)

Courses Outside the Department:

- CHM 110 (4) Foundations of Chemistry
- CHM 115 (4) Kinetics, Thermodynamics and the Environment (Prereq: CHM 110)
- CHM 120 (4) Organic Chemistry (Prereq: CHM 115)
- PHY 111 (4) General Physics I (Prerequisites: MTH 150 strongly recommended)
- MTH 110 (4) Finite Mathematics
- MTH 150 (4) Analytic Geometry and Calculus I (Prereq: appropriate placement)
- MTH 120 (4) Introduction to Statistics
- MTH 145 (4) Calculus for Management, Life and Social Sciences
- EES 112 (4) Environmental Science
- EES 115 (4) Earth Systems

Professional Preparation:

- EDU 111 (4) Perspectives on American Education (EDU 001 Lab included)
- EDU 120 (4) Human Growth and Development
- EDU 221 (4) Education of Students with Exceptionalities (Prerequisites: EDU 111 and 120)

Senior Year (Prerequisites: EDU 111, 120, 221):

- EDU 350 (2) Curriculum and Methods of Teaching in Grades 9-12 (Fall Term of Senior Year)

Spring Term of Senior Year (16 Credit Hours):

- EDU 433 (3) Foundations of Literacy Instruction
- EDU 434 (3) Content Literacy Strategies and Modifications for Diverse Learners
- EDU 454 (4) Teaching Science in Grades 9-12
- EDU 460 (2) Critical Issues in Secondary Education
- EDU 472 (4) Practicum: Secondary Teaching

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The Following (See Education Department):

- Apply for Admission to Furman Teacher Education Program.
- Praxis Core Academic Skills for Educators: Reading (Test Code 5712); Writing (Test Code 5722); and Mathematics (Test Code 5732) to be taken prior to junior year. (Note: Teacher candidates who have certain SAT and/or ACT scores may be exempt from taking Praxis Core. Please refer to http://www.furman.edu/academics/education/Documents/TEP%20ApplicationChecklist.pdf for exemption requirements).
- Praxis Test (Computerized): Biology: Content Knowledge (Test Code 5235 -- SC minimum score required: 148) to be taken November or January of senior year (Registration information provided in August of the senior year).
- Praxis Test (Computerized): Principles of Learning & Teaching: Grades 7-12 (Test Code 5624) (SC minimum required score: 157) to be taken March of senior year.
- Apply for Approved South Carolina Teacher Licensure in Biology (Application and fingerprinting information provided Fall of the senior year).

Revised February 13, 2018