Bachelor of Science
Biology

College wide degree requirements:
___ 120 credits earned
___ 2.00 minimum cumulative grade point average
___ 30 credits earned at Unity College
___ 30 credits earned at the 3000 level or above

Major requirements:
___ BI 1114 Biology: Diversity of Life
___ BI 1213 Biology in Practice: Theme-based
___ BI 2004 Population & Community Ecology
___ BI 2304 Cell Biology
___ BI 4703 Biodiversity Capstone
___ CH 1104 General Chemistry I
___ CH 1114 General Chemistry II
___ CM 1003 Composition and Communication I
___ CM 1013 Composition and Communication II
___ IC 2223 Environmental Issues and Insights
___ IC 3413 Envir Scenarios and Solutions
___ MA 2243 Elementary Statistics
___ A Humanities course
___ A Social Science course
___ An Arts course
___ A “Community-based” course
___ An “Environmental Studies” course
___ IC 1113 Unity Experience or
___ IC 1111 Unity Transfer Experience
___ MA 2333 Calculus I or
___ MA 3263 Biometry
___ Passing grade on computer applications proficiency exam or
___ LR 1222 Introduction to Computer Applications
___ An Internship, Senior Thesis I & II (ES 4003 and ES 4013), or Academic Field Experience (minimum 3 credits at or above 3000 level)

One of the following:
___ BI 3204 Comparative Animal Physiology
___ BI 3214 Biology of Plants

One of the following:
___ CH 2324 Organic Chemistry
___ CH 4034 Biochemistry
___ CH 4044 Environmental Chemistry

One of the following:
___ ES 3013 Oceanography
___ GL 1003 Physical Geology
___ GL 2003 Geology of the Envir. Problems
___ GL 4003 Global Change
___ PS 2004 Physics: Mech & Energy

CONTINUED ON BACK

Registrar’s Office 7/2015
Complete one of the following options:

<table>
<thead>
<tr>
<th>Organismal Option</th>
<th>Ecological Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 3204 Comparative Animal Physiology</td>
<td>BI 3423 Evolution and Population Genetics</td>
</tr>
<tr>
<td>BI 3214 Biology of Plants</td>
<td>BI 4423 Ecosystem Ecology</td>
</tr>
</tbody>
</table>

And 3 of the following:

<table>
<thead>
<tr>
<th>Organismal Option</th>
<th>Ecological Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 2033 Marine Biology</td>
<td>BI 2033 Marine Biology</td>
</tr>
<tr>
<td>BI 2053 Systematic Botany</td>
<td>BI 2053 Systematic Botany</td>
</tr>
<tr>
<td>BI 3173 Animal Behavior</td>
<td>BI 3063 Agroecology</td>
</tr>
<tr>
<td>BI 3233 Ichthyology</td>
<td>BI 3214 Biology of Plants</td>
</tr>
<tr>
<td>BI 3253 Invertebrate Zoology</td>
<td>BI 3263 Special Topics in Biology</td>
</tr>
<tr>
<td>BI 3263 Special Topics in Biology</td>
<td>BI 3293 Entomology</td>
</tr>
<tr>
<td>BI 3273 Mammalogy</td>
<td>BI 3323 Conservation Biology</td>
</tr>
<tr>
<td>BI 3283 Ornithology</td>
<td>BI 3654 Microbiology</td>
</tr>
<tr>
<td>BI 3293 Entomology</td>
<td>BI 4243 Genetics and Molecular Biology</td>
</tr>
<tr>
<td>BI 3423 Evolution and Population Genetics</td>
<td>ES 2103 Introduction to GIS</td>
</tr>
<tr>
<td>BI 3654 Microbiology</td>
<td>ES 3013 Oceanography</td>
</tr>
<tr>
<td>BI 4243 Genetics and Molecular Biology</td>
<td>ES 3183 Limnology</td>
</tr>
<tr>
<td>ES 2103 Introduction to GIS</td>
<td>ES 3213 Applied GIS</td>
</tr>
<tr>
<td>FY 2043 Dendrology</td>
<td>FY 2043 Dendrology</td>
</tr>
<tr>
<td>WF 3013 Pop Assessment and Mgmt</td>
<td>GL 3433 Soil Science</td>
</tr>
<tr>
<td>WF 4034 Animal Health</td>
<td>PL 4413 Natural Resource Policy</td>
</tr>
<tr>
<td></td>
<td>WF 3013 Pop. Assessment and Mgmt.</td>
</tr>
</tbody>
</table>

Distribution courses:
Each course or group of courses used to fulfill an Environmental Citizen requirement must total a minimum of three credits with the exception of the Community-based Learning course. The courses below fulfill the Environmental Citizen Foundation and Keystone requirements:

- **Math courses**: Courses with a course code of MA
- **Physical Science courses**: Courses with a course code of CH, GL, PS (the course that fulfills this requirement must have a lab component)
- **Life Science courses**: Courses with a course code of BI (the course that fulfills this requirement must have a lab component)
- **Social Science courses**: Courses with a course code of AN, EC, GY, PL, PY, SY
- **Humanities courses**: Courses with a course code of CM (except CM 1003, CM 1013, CM 1063, CM 1163, CM 2013, CM 2233, CM 3113), EH (except EH 3213), GS 1023, HU
- **Art courses**: Courses with a course code of AR, CM 3113
- **Environmental Studies courses**: AN 2113, BI 3063, BI 3323, BI 4423, CH 4044, CM 2123, EC 2003, GL 2003, HU 3113, PL 3013, PL 3413, PL 4413

Community-based learning is experiential learning that engages students in service opportunities within the community as an integral part of a course. It allows students the opportunity to apply classroom learning to real-life situations, which enriches the learning experience, teaches civic responsibility, and produces positive benefits for the greater community. This can include courses taken to fulfill program requirements or other Environmental Citizen requirements. The following courses fulfill the Community-based learning requirement: AE 1003, AF 3324, AR 2003, AR 3033, AS 4333, BI 4703, CH 4044, CM 2123, CM 3123, ED 3342, ED 3443, ES 3213, FY 4003, FY 4213, GL 3524, HU 2123, IC X213, PL 3413, PF 3213, PF 4123, PF 4223, WF 2003, WF 4013

With the exception of the Community-based Learning requirement, one course cannot fulfill more than one Environmental Citizen requirement. Program courses can be used to fulfill any Environmental Citizen requirements except for the Environmental Studies course.

Registrar's Office 7/2015