Bachelor of Science
Secondary Education: Life Science Major

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 2004 Population & Community Ecology
BI 2304 Cell Biology
BI 3423 Evolution & Population Genetics
CH 1104 General Chemistry I
CM 1003 Composition and Communication I
CM 1013 Composition and Communication II
ED 1013 Foundations of Education
ED 2102 Education Field Practicum I
ED 2113 Instruction and Assessment Design
ED 2212 Teaching with Technology
ED 3122 Education Field Practicum II
ED 3223 Curriculum and Evaluation Design
ED 3333 Edu for Exceptional Children & Youth

IC 1113 Unity Experience or IC 1111 Unity Transfer Experience

Passing grade on computer applications proficiency exam or LR 1222 Introduction to Computer Applications

One of the following:

BI 3204 Comparative Animal Physiology
BI 3214 Biology of Plants
BI 3323 Conservation Biology
BI 4243 Genetics and Molecular Biology

One of the following:

AE 2002 Adventure Facilitation
ED 3342 Exceptional & Universal Programs
ES 2103 Introduction to GIS
PF 1023 Interp of Natural & Cultural Heritage

Choose two additional courses from the list below to equal 24 total credits in Biology content:

AF 3324 Fisheries Science and Techniques
BI 1213 Biology in Practice
BI 2033 Marine Biology
BI 2053 Systematic Botany
BI 3063 Agroecology
BI 3173 Animal Behavior
BI 3204 Comparative Animal Physiology
BI 3214 Biology of Plants
BI 3233 Ichthology
BI 3253 Invertebrate Zoology
BI 3263 Special Topics in Biology: Theme Based

BI 3273 Mammalogy
BI 3283 Ornithology
BI 3293 Entomology
BI 3323 Conservation Biology
BI 3654 Microbiology
BI 4243 Genetics and Molecular Biology
ES 3183 Limnology
FY 2043 Dendrology
FY 4213 Silviculture
SA 3363 Soil Fertility
WF 1003 North American Wildlife
WF 2433 Wildlife Techniques
WF 3103 Habitat Management and Assessment

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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.

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