Bachelor of Science
Earth and Environmental Science Program

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
___CH 1104 General Chemistry I
___CH 1114 General Chemistry II
___CM 1003 Composition and Communication I
___CM 1013 Composition and Communication II
___ES 2103 Introduction to GIS
___ES 3213 Applied GIS
___GL 1003 Physical Geology
___GL 1013 Weather and Climate
___GL 2003 Geology of Environmental Problems
___GL 3044 Surface and Groundwater Hydrology
___GL 3223 Geomorphology
___GL 3433 Soil Science
___GL 4003 Global Change
___GL 4011 Earth & Envir Sciences Seminar
___IC 2223 Environmental Issues and Insights
___IC 3413 Environmental Scenarios & Solutions
___MA 2243 Elementary Statistics
___MA 2333 Calculus I
___PS 2004 Physics: Mech & Energy
___PS 2014 Physics: Heat, Elec & Magnetism
___A Humanities course
___A Social Science course
___An Arts course
___A “Community-based Learning” course
___An “Environmental Studies” course

___IC 1113 Unity Experience or IC 1111 Unity Transfer Experience

___Passing grade on computer applications proficiency exam or LR 1222 Introduction to Computer Applications
___CH 4044 Environmental Chemistry or GL 3524 Lake Sedimentation

One of the following:
___ES 4003 Senior Thesis I and ES 4013 Senior Thesis II
___ES 3993 Internship in Envir. Science
___GL 3993 Internship in Geology
___Academic Field Experience

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, KY, 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 3223, 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