Bachelor of Science
Secondary Education: Physical 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:
- CH 1104 General Chemistry I
- CH 1114 General Chemistry II
- 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
- ED 3443 Teaching Science in the Sec Schools
- ED 4912 Student Teaching
- GL 1003 Physical Geology
- GL 1013 Weather and Climate
- IC 1103 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:
- AE 2002 Adventure Facilitation
- ED 3342 Exceptional & Universal Programs
- ES 2103 Introduction to Geographic Information Systems (GIS)
- PR 1023 Interpretation of Natural & Cultural Heritage

One or two courses from the list below to equal a minimum of 24 total credits in physical science content:
- CH 2324 Organic Chemistry
- CH 4034 Biochemistry
- CH 4044 Environmental Chemistry
- ES 3013 Oceanography
- ES 3183 Limnology
- GL 2003 Geology of Environmental Problems
- GL 3044 Surface and Groundwater Hydrology
- GL 3433 Soil Science
- GL 4003 Global Change
- PS 3003 Sustainable Energy

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 core code of MA
Physical Science courses: Courses with a core code of CH, GL, PS (the course that fulfills this requirement must have a lab component)
Social Science courses: Courses with a core code of AN, EC, GC, GL, PS (the course that fulfills this requirement must have a lab component)
Humanities courses: Courses with a core code of CM (except CM 1003, CM 1013, CM 1063, CM 1163, CM 2013, CM 2233, CM 3113, EH (except EH 3213), GS 3023, HU
Art courses: Courses with a core 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, AS 3333, CH 4044, CM 2123, CM 3123, ED 3342, ED 3443, ES 3213, FY 3213, FY 4003, GL 3524, HU 2123, IC 2213, PL 3413, PR 3213, PR 4123, PR 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 7/2014