Curriculum for Liberal Education (CLE) Requirements (29 credits)

- AAEC 1005 (3) Econ of Food & Fiber (CLE 3)
- or ECON 2005
- AAEC 1006 (3) Econ of Food & Fiber (CLE 3)
- or ECON 2006
- CHEM 1035 (3) General Chemistry (CLE 4)
- CHEM 1045 (1) General Chemistry Lab (CLE 4)
- CHEM 1036 (3) General Chemistry (CLE 4)
- CHEM 1046 (1) General Chemistry Lab (CLE 4)
- ENGL 1105 (3) First Year Writing (CLE 1)
- ENGL 1106 (3) First Year Writing (CLE 1)
- ENSC 3604 (3) Fund Env Science (CLE 7)
- MATH 1025 (3) Elementary Calculus (CLE 5)
- MATH 1026 (3) Elementary Calculus (CLE 5)

Additional Curriculum for Liberal Education (7-9 credits)
CLE Area 2 (Ideas, Cultural Trad.) – select from approved list

CLE Area 6 (Creativity/Aesthetic Exp.) – select from approved list (1 or 3)

Specific Course Requirements for ENSC Major (53 credits)

- BIOL 1105 (3) Principles of Biology
- BIOL 1106 (3) Principles of Biology
- CEE 3104 (3) Intro to Env Engineering
- CHEM 2535 (3) Organic Chemistry
- CHEM 2114 (3) Analytical Chemistry
- CHEM 2124 (1) Analytical Chemistry Lab
- ALS 1234 (1) CALS First Year Seminar
- CSES 3114/3124 (3) Soils, Soils Lab
- CSES/ENSC 3634 (3) Physics of Pollution
- ENSC 4414 (2) Envir. Monitoring and Analysis
- CSES/ENSC/CHEM 4734 (3) Environmental Soil Chemistry
- CSES/ENSC 4854 (3) Wetland Soils and Mitigation
- ENGL 3764 (3) Technical Writing
- GEOG 2084 or GEOG 4354 (3) Intro GIS or Intro Remote Sensing or
  or FOR 1414 or BSE 4344 Info Tech Nat Res Mgt or GIS for Engineers
- GEOS 2104 or GEOS 1004 (3) Elements of Geo or Physical Geo
- GEOS 4804 (3) Groundwater Hydrology
- MATH 2024 (3) Intermediate Calculus
- PHYS 2205 (3) General Physics
- STAT 3615 (3) Biological Statistics

Option Specific Requirements for Water Science and Quality (13 credits)

- BIOL 2604 (3) General Microbiology
- BIOL 2614 (1) General Microbiology Lab
- FREC 3104 (3) Princ of Watershed Hydro
- CSES/ENSC/Biol/ CEE 4164
- CSES/ENSC 4314 (3) Water Quality

Technical Electives (Choose at least 12 credits from the list below (or
approved by the ENSC Program Director).

- AAEC 3324 (3) Env. Sust Development Econ
- BIOL/ENT 4354 (4) Aquatic Entomology
- BIOL 4004 (4) Freshwater Ecology
- CSES/ENSC 4444 (3) Managed Ecosystems
- CSES/ENSC 4764 (3) Bioremediation
- FIW 4624 (3) Marine Ecology
- FIW 4534 (3) Ecology/Manage Wetlands
- FREC 2324 (1) Dendrology
- FREC 4354 (3) Forest Soils and Watershed Mgt
- FREC 4374 (3) Forested Wetlands
- NR/ALS 4614 (2) Watershed Assessment
- *CSES 4964 (1-3) Experiential Learning
  (study abroad, internship, or undergraduate research)

No courses may be taken P/F except FREE ELECTIVES.
* No more than 3 credits of experiential learning can be used as a technical elective.

FREE ELECTIVES (minimum 4-6 credits toward graduation)

TOTAL CREDITS REQUIRED FOR GRADUATION = 120
with required minimum 2.0 GPA overall and in-major

Note: Some courses listed on this checksheet may have prerequisites. Be sure to consult the University Catalog or check with your Academic Advisor.

Having a grade point average of at least a 2.0, overall and in major
(includes classes in BIOL, BSE, CEE, CHEM, CSES, ENSC, ENT, FIW, FREC, GEOS, PHYS).
Satisfactory Progress Toward Degree
By the end of the academic year in which the student has attempted 60 credits (including transfer, advanced placement, advanced standing and credit by examination), "satisfactory progress" toward a B.S. degree in ENSC will include:

1. Declaring an Option within the ENSC Major
2. Passing the following:
   • At least 24 credits that apply to the Curriculum for Liberal Education
   • BIOL 1105 and 1106
   • ALS 1234, CSES 3114 and 3124
   • ENSC 3604
   • 12 credits of CHEM
   • 9 credits of MATH and/or STAT

Note: A sequence of two foreign language courses is required unless two years of the same high school foreign language or 6 transfer credits of the same foreign language are completed. These credits do not count toward graduation requirements.

Note: Some courses listed on this checksheet may have prerequisites. Be sure to consult the University Catalog or check with your Academic Advisor.