

ENVIRONMENTAL ENGINEERING

Recommended course rotation:

Freshman Year

1st
Semester
(Fall)

18 hours

ENV 1200 (3)
*Introduction to
Environmental
Science*

MTH 1410 (4)
Calculus I

CHE 1800 (4)
General Chemistry

CHE 1801(1)
*General Chemistry
I Lab*

**General
Studies (3)**
*Written
Communication*

EVE 1215 (3)
*Engineering
Graphics-Solid
Modeling*

2nd
Semester
(Spring)

18 hours

ENV 2100 (3)
*Environmental
Sampling and
Analysis*

MTH 2410 (4)
Calculus II

SSE 1040 (3)
*Life Cycle and
Systems
Engineering-An
Introduction*

**General
Studies (3)**
*Written
Communication*

PHY 2311 (4)
General Physics I

PHY 2321 (1)
*General Physics I
Lab*

Sophomore Year

3rd
Semester
(Fall)

18 hours

**General
Studies (3)**
*Arts &
Humanities*

MTH 2420 (4)
Calculus III

CHE 1810 (4)
*General Chemistry
II*

CHE 1811(1)
*General Chemistry
II Lab*

SSE 2150 (3)
*Mechanics of
Statics Systems*

EVE 3000 (3)
*Concepts in
Environmental
Engineering*

4th
Semester
(Spring)

16 hours

**Approved
Elective
3 credits**

**General
Studies (3)**
*Oral
Communication*

EVE 3135 (4)
*Strength of
Materials with
Laboratory*

EVE 3160 (3)
*Mechanics of
Dynamics Systems*

**General
Studies (3)**
Historical

Global Diversity **Credits: 0 TO 3**

Multicultural graduation requirement **Credits: 0 TO 3**

The department recommends that these requirements be met along with the Arts and Humanities, Historical, or Social and Behavioral Sciences general studies choices.

Junior Year

Senior Year

5th Semester (Fall)

6th Semester (Spring)

7th Semester (Fall)

8th Semester (Spring)

15 hours

16 hours

15 hours

13 hours

EVE 3185 (3)
Fundamental Fluid Mechanics

EVE 3320 (3)
EIS in Engineering

EVE 3400 (3)
Engineered Water

SSE 4610 (3)
Capstone: Thesis in Sustainable Development

MTH 3420 (4)
Differential Equations

General Studies (3)
Arts and Humanities

EVE 4420 (3)
Wetland Studies

Approved Elective 3 credits

PHY 2331 (4)
General Physics II

EVE 3200 (3)
Environmental Sustainability in Urban Design

EVE 4200 (3)
Environmental Policy in Engineering

Approved Elective 3 credits

PHY 2341(1)
General Physics II Lab

EVE 4450 (3)
Wood in Engineering

General Studies (3)
SBS

Approved Elective 1 credits

General Studies (3)
SBS

BIO 1080 (3)
General Biology I

EVE 4160 (3)
Geotechnical Engineering

Approved Elective 3 credits

BIO 1090 (1)
General Biology I Lab

TOTAL CREDIT HOURS: 129