BSE – Environmental Engineering (ENVE) Concentration - 2016

**FRESHMAN**
- **ENGR 1012 (2)** Engineering Graphics
- **ENGR 1000 (1)** Intro to Engineering
- **ENGR 2022 (3)** Statics
- **ENGR 2000 (1)** Engineering Design I
- **ENGR 2050 (3)** Computer Applications in Engineering
- **MATH 1083 or higher**

*Bold border denotes class with lab
Dashed border denotes minimum grade of C required

**SOPHOMORE**
- **ENGR 1016 (2)** Introduction to Engineering Design
- **ENGR 2000 (1)** Engineering Design I
- **ENGR 2070 (3)** Materials and Processes
- **ENGR 3024 (3)** Mechanics of Materials
- **CHEM 1110**

**JUNIOR**
- **ENGR 3800 (3)** Quality Control for Engineers
- **ENGR 3034 (4)** Thermal and Fluid Systems
- **ENVE 3103 (3)** Air Quality Engineering
- **ENVE 3203 (3)** Water and Wastewater Treatment

**SENIOR**
- **ENGR 4010 (2)** Capstone Design I
- **ENGR 4020 (2)** Capstone Design II
- **ENVE 4103 (3)** Engineering Surface Water Hydrology
- **ENVE 4203 (3)** Engineering Groundwater Hydrology

**Math/Science: 32 hours**
- **MATH 2151 (3)** Calculus I
- **MATH 2152 (3)** Calculus II
- **CHEM 1150**
- **ENGR 2022**

**General: 31 hours**
- **ENGL 1100 (3)** Composition
- **PHYS 2350 (4)** University Physics I
- **PHYS 2360 (4)** University Physics II
- **KINE 1000 (1)** Lifetime Physical Activity
- **ENVE 3303 (3)** Air Quality Engineering

**Credit hours per semester**
- **Social Sciences Elective (3)**
- **Humanities/Fine Arts Elective (3)**

**Cumulative Credit hours**
- **15/31**
- **17/48**
- **18/66**
- **16/82**
- **17/99**
- **15/114**
- **14/128**

**Note:** This chart is for planning purposes only. It is the student’s responsibility to ensure that requirements as detailed in the Undergraduate Catalog are met.

Humanities/Fine Arts: Must complete at least one course in the humanities and one course in fine arts.

Diversity: At least one elective course must be designated as GD (Global Diversity) or DD (Domestic Diversity).