

BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Catalogue

2018-2019

Student: _____

Date: _____

ID #: _____

Advisor: _____

Year 1

| Semester 1 | Cr | Status | Semester 2 | Cr | Status |
|---|-----------|--------|--|--------------|--------|
| ENGR 002 - Graphical Communication | 2 | | CS 020 - Programming for Engineers | 3 | |
| CHEM 031 - General Chemistry I | 4 | | PHYS 031 - Physics for Engineers I | 4 | |
| FWIL ¹ (ENGS 001 / HCOL 085 / TAP) | 3 | | PHYS 030 - Prob. Solv. Session I [opt] | [1] | |
| MATH 021 - Calculus I | 4 | | MATH 022 - Calculus II | 4 | |
| General Education Elective ² | 3 | | CE 003 - Intro to Civil & Envir Engr | 2 | |
| ENGR 050 - First Year Engr Seminar | 1 | | CHEM 032 - General Chemistry II | 4 | |
| <i>Total credits</i> | <i>17</i> | | <i>Total credits</i> | <i>17-18</i> | |

Year 2

| Semester 1 | Cr | Status | Semester 2 | Cr | Status |
|--------------------------------------|-----------|--------|---|-----------|--------|
| CE 010 - Geomatics | 4 | | CE 001 - Statics | 3 | |
| MATH 121 - Calculus III | 4 | | CE 132 - Environmental Systems | 3 | |
| BIOL 001/002 - Principles of Biology | 4 | | ME 040 - Thermodynamics | 3 | |
| STAT 143 - Statistics for Engineers | 3 | | MATH 271 - Appl. Math. for Engr. & Sci. | 3 | |
| | | | MATH 122 - Applied Linear Algebra | 3 | |
| <i>Total credits</i> | <i>15</i> | | <i>Total credits</i> | <i>15</i> | |

Year 3

| Semester 1 | Cr | Status | Semester 2 | Cr | Status |
|--|-----------|--------|--|-----------|--------|
| CE 100 - Mechanics of Materials | 3 | | EE 075 - Electrical Circuits & Sensors | 4 | |
| CE 133 - Transportation Systems | 3 | | CE 180 - Geotechnical Principles | 3 | |
| CE 151 - Water & Wastewater Engr. | 3 | | CE 182 - Geotechnical Principles Lab | 2 | |
| CE 160 - Hydraulics | 3 | | CE 254 - Environmental Qual. Analysis | 4 | |
| CE 162 - Hydraulics Lab | 2 | | GEOL 001 or PSS 161 (Fund. of Soil Sci.) | 4 | |
| Diversity 1 or 2 ³ (D1 or D2 courses) | 3 | | | | |
| <i>Total credits</i> | <i>17</i> | | <i>Total credits</i> | <i>17</i> | |

Year 4

| Semester 1 | Cr | Status | Semester 2 | Cr | Status |
|---|-----------|--------|---|-----------|--------|
| CE 185 - Capstone Design I | 3 | | CE 186 - Capstone Design II | 3 | |
| HydroGeoPhys Design Elective ⁵ | 3 | | BioGeoChem Design Elective ⁷ | 3 | |
| Science/Tech Elective ⁵ | 3 | | Env Engr Elective ⁶ | 3 | |
| Env Engr Elective ⁶ | 3 | | General Education Elective ² | 3 | |
| Diversity 1 ³ (D1 courses) | 3 | | General Education Elective ² | 3 | |
| <i>Total credits</i> | <i>15</i> | | <i>Total credits</i> | <i>15</i> | |

1. Foundational Writing and Information Literacy (FWI)(a)6,MC /P ACID 67/Lang (none)BDC q51.36 474.79 5(ne)-4()-5243.17 257.78 0.84 95.064 ref27