

## 2016 - 2017 Old Dominion University Catalog

### Bachelor of Science in Civil Engineering

*This is a sample four year curriculum with a suggested ordering of courses. Students have the flexibility of re-ordering as needed.*

#### YEAR 1 - FRESHMAN (33 CREDITS)

##### FALL SEMESTER (16 credits)

| <u>General Education Coursework:</u> | <u>Credit Hours</u> |
|--------------------------------------|---------------------|
| MATH 211                             | 4                   |
| CHEM 121N                            | 3                   |
| CHEM 122N                            | 1                   |
| ENGL 110C (C or better required)     | 3                   |
| ENGN 110                             | 2                   |
| Human Creativity                     | 3                   |

##### SPRING SEMESTER (17 credits)

| <u>General Education Coursework:</u> | <u>Credit Hours</u> |
|--------------------------------------|---------------------|
| MATH 212                             | 4                   |
| CHEM 123N                            | 3                   |
| PHYS 231N                            | 4                   |
| CS 150                               | 4                   |
| CEE 111                              | 2                   |

#### YEAR 2 - SOPHOMORE (34 CREDITS)

##### FALL SEMESTER (18 credits)

| <u>General Education Coursework:</u> | <u>Credit Hours</u> |
|--------------------------------------|---------------------|
| CEE 204                              | 3                   |
| PHYS 232N                            | 4                   |
| MATH 312                             | 4                   |
| BIOL 110N/111N or OEAS 111N          | 4                   |
| COMM 101R                            | 3                   |

##### SPRING SEMESTER (16 credits)

| <u>General Education Coursework:</u> | <u>Credit Hours</u> |
|--------------------------------------|---------------------|
| CEE 220                              | 3                   |
| MAE 205                              | 3                   |
| CEE 219                              | 1                   |
| ENGL 211C (C or better required)     | 3                   |
| MATH 307                             | 3                   |
| Literature                           | 3                   |

#### YEAR 3 - JUNIOR (31 CREDITS)

##### FALL SEMESTER (15 credits)

| <u>Major Coursework:</u> | <u>Credit Hours</u> |
|--------------------------|---------------------|
| CEE 320                  | 3                   |
| CEE 305                  | 3                   |
| CEE 330                  | 3                   |
| CEE 350                  | 3                   |
| CEE 304                  | 3                   |

##### SPRING SEMESTER (16 credits)

| <u>Major Coursework:</u> | <u>Credit Hours</u> |
|--------------------------|---------------------|
| CEE 310                  | 3                   |
| CEE 323                  | 3                   |
| CEE 340                  | 3                   |
| CEE 335                  | 1                   |
| CEE 240                  | 3                   |
| Interpreting the Past    | 3                   |

#### YEAR 4 - SENIOR (32 CREDITS)

##### FALL SEMESTER (17 credits)

| <u>Major Coursework:</u>         | <u>Credit Hours</u> |
|----------------------------------|---------------------|
| CEE 470                          | 3                   |
| CEE 410                          | 3                   |
| CEE 430                          | 3                   |
| ENGN 401                         | 1                   |
| CEE 402                          | 1                   |
| Human Behavior                   | 3                   |
| Upper Division General Education | 3                   |

##### SPRING SEMESTER (15 credits)

| <u>Major Coursework:</u>                   | <u>Credit Hours</u> |
|--|---------------------|
| CEE 403W (C or better required)            | 3                   |
| CEE 4XX                                    | 3                   |
| CEE 4XX - Transportation or Environmental  | 3                   |
| ENMA 480 (Satisfies Philosophy and Ethics) | 3                   |
| Upper Division General Education           | 3                   |

**TOTAL CREDIT HOURS: 130**

This curriculum sheet does not include the University's General Education Language and Culture Requirement. Additional hours may be required.

The General Education requirements in Information Literacy and Research, Impact of Technology, and Philosophy and Ethics are met through the major.

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a grade of C or better in all courses required for the major, including prerequisite courses, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.