

Bachelor of Science in Environmental Engineering

2006-2008 Old Dominion University Catalog

NAME: _____

UIN: _____

TELEPHONE: _____

Students earning the AS, AA, or AA&S degree from a Virginia Community College automatically satisfy the lower division general education requirements. **Courses marked with * require a grade of C or better to transfer, even with the AS degree. The remaining lower division courses are automatically satisfied by the AS (including foreign language), regardless of the grade earned.** Additionally, courses in which a grade of AC-A or below was earned will not transfer. Therefore Community College degree holders who satisfy lower general education may require additional credits to meet the 120 credit hour graduation minimum. A minimum overall GPA of 2.00 is required to graduate. (AS=Associate Degree)

Entrance Writing Sample Placement Test: _____

| Course Number | Course Title | Credits | Transfer |
|--|------------------------------------|---------|----------|
| Freshman First Semester (16 Credit Hours) | | | |
| MATH 211 | Calculus I | 4 | * |
| CHEM 115N | Foundations of Chemistry | 4 | * |
| ENGL 110C | English Composition | 3 | * |
| ENGN 110 | Explore Engr & Tech I | 2 | * |
| Gen Ed-S (GEN 101 may be used) | Social Science Perspective | 3 | |
| Freshman Second Semester (17 Credit Hours) | | | |
| MATH 212 | Calculus II | 4 | * |
| CHEM 117 | Principles of Chemistry | 3 | * |
| PHYS 231N | University Physics | 4 | * |
| CS 150 | Introduction to Programming | 4 | * |
| ENGN 111 | Explore Engr & Tech II | 2 | * |
| Sophomore First Semester (17 Credit Hours) | | | |
| Gen Ed-H (GEN 101 may be used) | History Perspective | 3 | |
| MATH 312 (MATH 285) | Calculus III | 4 | * |
| CEE 100 | Statics | 3 | * |
| PHYS 232N | University Physics | 4 | * |
| ENGL 111C | English Composition | 3 | * |
| Sophomore Second Semester (16 Credit Hours) | | | |
| ME 220 | Eng Mech II-Solid Mechanics | 3 | * |
| CEE 250 | Principles of Environmental Engr | 3 | |
| CEE 240 | Geo Info Systems C&E Engr | 3 | |
| MATH 307 (MATH 280) | Ordinary Diff Equations | 3 | * |
| BIOL 115N | General Biology | 4 | * |
| Junior First Semester (15 Credit Hours) | | | |
| CEE 304 | Intro Fund CEE Infrast Systems | 3 | |
| CEE 355W | Environmental Engr Analysis | 3 | |
| CEE 330 | Hydromechanics | 3 | |
| CEE 305 | C & E Engineering Computations | 3 | |
| CEE 230 | CE Materials | 3 | |
| Junior Second Semester (16 Credit Hours) | | | |
| CEE 323 | Soil Mechanics | 3 | |
| CEE 340 | Hydraulics & Water Resources | 3 | |
| CEE 335 | CE Soils & Hydraulics Lab | 1 | |
| CEE 356 | Public Health Engineering | 3 | |
| Gen Ed-A (GEN 101 may be used) | Fine & Performing Arts Perspective | 3 | |
| CEE 451 | Water and Wastewater Treatment | 3 | |
| Senior First Semester (16 Credit Hours) | | | |
| Gen Ed | Upper Level Requirement 1 | 3 | |
| CEE 454 | Hazardous Waste | 3 | |
| CEE 4xx | Environmental Engr Elective | 3 | |
| ENGN 401 | FE Review | 1 | |
| Gen Ed-P (GEN 101 may be used) | Philosophy Perspective | 3 | |
| Gen Ed-L (GEN 101 may be used) | Literature Perspective | 3 | |
| Senior Second Semester (12 Credit Hours) | | | |
| Gen Ed | Upper Level Requirement 2 | 3 | |
| Gen Ed | Upper Level Requirement 3 | 3 | |
| CEE 452 | Air Quality | 3 | |
| CEE 404 (Meets oral communication requirement) | Environmental Engr Design Project | 3 | |
| Total Credits | | 125 | |

Additional Graduation Requirements:

Foreign Language Requirement: _____ Senior Assessment: _____

Application for Graduation: _____ Passage of Exit Writing Exam _____

This curriculum does not include the University's foreign language general education requirement. Students may need additional hours to meet this perspective. The computer literacy requirement is met through the major courses; CEE 404 meets the general education oral communication requirement, and the technology requirement is met through the major.