

Bachelor of Science in Environmental Engineering

2008-2009 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
<u>Freshman First Semester</u> (16 Credit Hours)			
MATH 211	Calculus I	_____ 4	<u>MTH 173, 273</u> *
CHEM 115N	Foundations of Chemistry	_____ 4	<u>CHM 111</u> *
ENGL 110C	English Composition	_____ 3	<u>SEE Transfer Guide</u> *
ENGN 110	Explore Engr & Tech I	_____ 2	<u>EGR 210</u> *
Gen Ed	Social Science Perspective	_____ 3	<u>SEE Transfer guide</u>
<u>Freshman Second Semester</u> (17 Credit Hours)			
MATH 212	Calculus II	_____ 4	<u>MTH 174, 274</u> *
CHEM 117	Principles of Chemistry	_____ 3	<u>CHM 112</u> *
PHYS 231N	University Physics	_____ 4	<u>PHY 231, 241</u> *
CS 150	Introduction to Programming	_____ 4	<u>CSC 201,210</u> *
ENGN 111	Explore Engr & Tech II	_____ 2	_____ *
<u>Sophomore First Semester</u> (17 Credit Hours)			
Gen Ed-H	History Perspective	_____ 3	<u>SEE Transfer guide</u>
MATH 312 (MATH 285)	Calculus III	_____ 4	<u>MTH 275, 277</u> *
CEE 100	Statics	_____ 3	<u>EGR 140</u> *
PHYS 232N	University Physics	_____ 4	<u>PHY 232, 242</u> *
ENGL 111C	English Composition	_____ 3	<u>SEE Transfer guide</u> *
<u>Sophomore Second Semester</u> (16 Credit Hours)			
ME 220	Eng Mech II-Solid Mechanics	_____ 3	<u>EGR 146</u> *
CEE 250	Principles of Environmental Engr	_____ 3	_____
CEE 240	Geo Info Systems C&E Engr	_____ 3	_____
MATH 307 (MATH 280)	Ordinary Diff Equations	_____ 3	<u>MTH 279, 291</u> *
BIOL 115N	General Biology	_____ 4	<u>BIO 101</u> *
<u>Junior First Semester</u> (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	_____
<u>Junior Second Semester</u> (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	Fine & Performing Arts Perspective	_____ 3	<u>SEE Transfer guide</u>
CEE 451	Water and Wastewater Treatment	_____ 3	_____
<u>Senior First Semester</u> (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	Philosophy Perspective	_____ 3	<u>SEE Transfer guide</u>
Gen Ed-L	Literature Perspective	_____ 3	<u>SEE Transfer guide</u>
<u>Senior Second Semester</u> (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.