General Education and Major Coursework:

VCCS Equivalency:

ENGN 110
EGR 120, 121, 122, 124*
ECE 111
ITE 119*
CHEM 121N/122N
CHM 111*
CHEM 123N
CHM 112*
MATH 211
MTH 173, 263, or 273*
MATH 212
MTH 174, 264, or 274*
ENGL 110C (C or better required)
ENG 111*
ENGN 150
EGR 125 or 126*

Human Creativity
Transfer Equivalency Guide

YEAR 2 - SOPHOMORE (32 CREDITS)

ENGL 211C or 231C (C or better required)
ENG 112, 113, 115, 117*

CHEM 120 is for online program students only

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Modeling & Simulation Engineering & Computer Science majors must earn a grade of C or better in all 200-level ECE courses and all CS courses prior to taking the next course in the sequence.

YEAR 4 - SENIOR (33 CREDITS)

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major and 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 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.

TOTAL CREDIT HOURS: 162

This 4-year plan does not include 6 credits in Language and Culture, but this requirement may be waived, see ODU catalog for details.

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

The Upper Division General Education requirement is met through the built-in minor in Computer Science and through the completion of a second major/degree.

YEAR 5 (31 CREDITS)

CS Upper Level Elective II

TOTAL CREDIT HOURS: 162

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major and 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 213C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.

* C or better required for transfer.

** From John Tyler Community College only: EGR 251 = ECE 201; EGR 261 = ECE 202; EGR 255 + EGR 263 = ECE 287

& from Germanna Community College: EGR 251 = ECE 201; EGR 252 = ECE 202; EGR 255 + EGR 261 = ECE 287

& from Northern Virginia Community College: EGR 251 = ECE 201; EGR 252 = ECE 202; EGR 261 = ECE 241

^ EGR 271 (4 cr) + EGR 272 (4 cr) = ECE 201 (3 cr) + ECE 202 (3 cr) + ECE 287 (2 cr) requirements. Both EGR 271 & EGR 272 must be completed to receive credit for ECE 287.

^^Non-major Engineering Elective includes options of any three-credit course from BME, CEE, CS, ENMA (except ENMA 490), MAE, & MSIM. Consider looking into VCCS equivalents.

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