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| <u>General Education and Major Coursework:</u> ENGN 121 CHEM 121N/122N MATH 211 ENGL 110C | <u>VCCS Equivalency:</u> (EGR 121 + ITE 152)* or waived w/ AS CHM 111 or (CHEM 111 +112+ 113)* MTH 173, (MTH 175 + 176), 263, or 273* ENG 111 or ENGL 114* | <u>General Education and Major Coursework:</u> ENGN 122 COMM 101R MATH 212 PHYS 231N | <u>VCCS Equivalency:</u> EGR 125 or 126* Transfer Equivalency Guide MTH 174, 264, or 274* PHY 221, 231, or 241* |
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| <u>General Education and Major Coursework:</u> MATH 307 (280) ECE 201 ECE 241 PHYS 232N ENGL 231C | <u>VCCS Equivalency:</u> MTH 267, 279, 289 or 291* See Below* EGR 265 (NOVA only), 270, or 277* PHY 222, 232 or 242* ENG 113, 115, 131, or 137* | <u>General Education and Major Coursework:</u> ECE 202 ECE 287 MATH 312 (285) Interpreting the Past Human Creativity | <u>VCCS Equivalency:</u> See Below* See Below* MATH 265, 275 or 277* Transfer Equivalency Guide Transfer Equivalency Guide |
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| <u>General Education and Major Coursework:</u> ECE 302 ECE 303 ECE 313 ECE 332 ECE 304 | <u>VCCS Equivalency:</u> | <u>General Education and Major Coursework:</u> ECE 461 ECE 323 ECE 381 ECE 451 Literature | <u>VCCS Equivalency:</u> Transfer Equivalency Guide |
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YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (15 credits)

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| <u>Major Coursework:</u> ECE 485W ENMA 480 ECE Technical Elective*** ECE Technical Elective*** Upper Division General Education** | <u>VCCS Equivalency:</u> |
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SPRING SEMESTER (15 credits)

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| <u>General Education and Major Coursework:</u> ECE 487 ECE Technical Elective*** ECE Technical Elective*** Human Behavior Upper Division General Education** | <u>VCCS Equivalency:</u> Transfer Equivalency Guide |
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TOTAL CREDIT HOURS: 123

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 four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

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

****Upper Division General Education (choose 1)**

Option D: 6 hours of elective upper-division work from outside of and not required by the student's major and college.

Option A: Any University-approved minor (minimum of 12 hours determined by the department), second degree, or second major

Option B: Any University-approved interdisciplinary minor (specifically 12 hours, 3 can be in the major)

*****Approved ECE Electives (may require prerequisite course)-** Electrical Engineering students need four technical elective courses selected from one of two options: (1) four 400-level ECE technical elective courses; (2) three 400-level ECE technical elective courses and one 300-level ECE technical elective course or one approved 300- or 400-level CS/MATH/Engineering course.

Students must earn a C or better in the following courses: ENGL 110C, ENGL 211C, MATH 211, MATH 212, ECE 201, ECE 241, ECE 202, ECE 287, and ECE 485W

Important Notes: Graduates of this program are eligible to take the Fundamentals of Engineering (FE) exam in Virginia and many other states. Course prerequisites are strictly enforced. Please refer to the University Catalog for prerequisites of all courses.

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.

VCCS Equivalencies Continued

(ECE 201, 202 & 287) = (EGR 271 + 272)

ECE 201 = EGR 260 or EGR 271

ECE 201 = EGR 251 (Brightpoint CC/NOVA/GCC/PVCC only)

ECE 202 = EGR 252, EGR 261, EGR 272

ECE 287 = (EGR 255 +261) GCC only

ECE 287 = (EGR 255 + 263) Brightpoint CC only

ECE 287 = EGR 262

