

2017 - 2018 Old Dominion University Catalog

Bachelor of Science in Electrical 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)		SPRING SEMESTER (17 credits)	
<u>General Education and Major Coursework:</u>	<u>Credit Hours</u>	<u>General Education and Major Coursework:</u>	<u>Credit Hours</u>
ENGN 110	2	ECE 111	2
CHEM 121N	3	CHEM 123N	3
CHEM 122N	1	MATH 212	4
MATH 211	4	CS 150	4
ENGL 110C (C or better required)	3	PHYS 231N	4
COMM 101R	3		

YEAR 2 - SOPHOMORE (32 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (15 credits)	
<u>General Education and Major Coursework:</u>	<u>Credit Hours</u>	<u>General Education and Major Coursework:</u>	<u>Credit Hours</u>
MATH 307	3	ECE 202	3
ECE 201	3	ECE 287	2
ECE 241	4	Non-major Engineering Elective	3
PHYS 232N	4	MATH 312	4
Interpreting the Past	3	ENGL 231C (C or better required)	3

YEAR 3 - JUNIOR (31 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (15 credits)	
<u>General Education and Major Coursework:</u>	<u>Credit Hours</u>	<u>General Education and Major Coursework:</u>	<u>Credit Hours</u>
ECE 302	3	ECE 304	3
ECE 303	3	ECE 387 (or Technical Elective)	3
ECE 313	4	ECE 323	3
ECE 332	3	ECE 381	3
Human Creativity	3	Literature	3

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (14 credits)	
<u>General Education and Major Coursework:</u>	<u>Credit Hours</u>	<u>General Education and Major Coursework:</u>	<u>Credit Hours</u>
ECE 485W (C or better required)	3	ECE 487	2
ECE 486	2	ECE Technical Elective	3
ECE Technical Elective	3	ECE Technical Elective	3
ECE Technical Elective	3	Human Behavior	3
ENMA 480 (Satisfies Philosophy and Ethics)	3	Upper Division General Education	3
Upper Division General Education	3		

TOTAL CREDIT HOURS: 127

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.

Electrical engineering majors must earn a grade of C or better in all 200-level ECE courses prior to taking the next course in the sequence.

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.