

2014 - 2015 Old Dominion University Catalog Bachelor of Science in Computer 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 121	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 (33 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (16 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	CS 250	4
PHYS 232N	4	CS 252	1
Literature	3	CS 381	3
		ENGL 231C (C or better required)	3

YEAR 3 - JUNIOR (31 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (15 credits)	
<u>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 313	4	ECE 346	3
ECE 341	3	CS 350	3
CS 361	3	ECE Technical Elective	3
ECE 381	3	Human Creativity	3

YEAR 4 - SENIOR (32 CREDITS)

FALL SEMESTER (18 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 484W (C or better required)	3	ECE 487	2
ECE 486	2	CS 471	3
ECE 443	3	ECE Technical Elective	3
ECE Technical Elective	3	ECE Technical Elective	3
ENMA 480**	3	Human Behavior	3
Interpreting the Past	3		

TOTAL CREDIT HOURS: 128

This curriculum sheet does not include the University's General Education Language and Culture requirement. Additional hours may be required.

** Meets philosophy and ethics general education requirement.

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 a built-in minor in computer science.

The Upper Division General Education requirement is met through the built-in minor in Computer Science.

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.