2017 - 2018 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)	
General Education and Major Coursework:	Credit Hours	General Education and Major Coursework:	Credit Hours
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 (33 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (16 credits)	
General Education and Major Coursework:	Credit Hours	General Education and Major Coursework:	Credit Hours
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)	
General Education and Major Coursework:	Credit Hours	Major Coursework:	Credit Hours
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
Human Creativity	3	ECE 381	3

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (14 credits)	
General Education and Major Coursework:	Credit Hours	General Education and Major Coursework:	Credit Hours
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 (Satisfies Philosophy and Ethics)	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.

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.