2017 - 2018 Old Dominion University Catalog
Bachelor of Science in Computer Engineering (with VCCS Equivalencies)

Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.
* indicates not automatically waived with transferrable associates degree, C or better required for transfer.
Courses in green are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees)

YEAR 1 - FRESHMAN (33 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (17 credits)	
General Education and Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
ENGN 110	EGR 120*	ECE 111	Dept. approval upon admission*
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*	CS 150	CSC 201, EGR 125 or EGR 126*
COMM 101R	CST 100, 105 or 110*	PHYS 231N	PHY 231 or 241*

YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (17 credits)		SPRING SEMESTER (16 credits)	
General Education and Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
MATH 307 (280)	MTH 267, 279 or 291*	ECE 202	EGR 261 or 272*
ECE 201	EGR 260 or 271*	ECE 287	EGR 262*
ECE 241	EGR 270 or 277*	CS 250	CSC 210*
PHYS 232N	PHY 232 or 242*	CS 252	ITN 171 or 271*
Literature	Transfer Guide	CS 381	
		ENGL 231C (C or better required)	ENG 115 or 131*

YEAR 3 - JUNIOR (31 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (15 credits)	
General Education and Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
ECE 302		ECE 304	
ECE 313 (4 credits)		ECE 346	
ECE 341		CS 350	
CS 361		ECE Technical Elective	
Human Creativity	Transfer Guide	ECE 381	

YEAR 4 - SENIOR (32 CREDITS)

FALL SEMESTER (18 credits)		SPRING SEMESTER (14 credits)	
General Education and Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
ECE 484W (C or better required)		ECE 487 (2 credits)	
ECE 486 (2 credits)		CS 471	
ECE 443		ECE Technical Elective	
ECE Technical Elective		ECE Technical Elective	
ENMA 480 (Satisfies Philosophy and Ethics)		Human Behavior	Transfer Guide
Interpreting the Past	Transfer Guide		

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.