Davis&Elkins College

Division of Mathematics & Science
BS Four-Year Degree Plan (Computer Science)

This is a model four-year graduation plan. Your path to graduation may vary based on factors such as college credit you earned while in high school, your choice of general education electives, availability of courses, and your placement in English and mathematics.

This degree program can be completed in eight semesters. Check out the course rotations before scheduling your classes. Visit with your adviser to develop a plan that is right for you.

The following degree plan is based on the general education program instituted in Fall 2015. For the previous general education requirements, please access the appropriate catalog.

Year 1

Fall		Winter		Spring	
Course	**Credits**	**Course**	**Credits**	**Course**	**Credits**
CSCI 110 Power Up: Building Games	3	GES 175 First-Year Symposium	3	CSCI 180 How Hardware Works	3
MATH 193 College Algebra	3			CSCI 190 Working with Data	3
GES 105 First Year Seminar	3			MATH 136 Discrete Math	4
General Education (e.g., ENGL 101A, COMM 1xx)	6			MATH 195 Pre-calculus	4
				General Education (e.g., ENGL 102A)	3
Total	**15**		**3**		**17**

Year 2

Fall		Winter		Spring	
Course	**Credits**	**Course**	**Credits**	**Course**	**Credits**
CSCI 201 Programming Languages	3			CSCI 280 Limits of Computation	3
CSCI 290 Professional Experience I	3			CSCI elective	3
General Education (e.g., HIST 10x, Literature, PHED 102)	7			MATH 196 Calculus I	4
				General Education (e.g., ART, Social science 1)	6
Total	**13**				**16**

Year 3

Fall		Winter		Spring	
Course	**Credits**	**Course**	**Credits**	**Course**	**Credits**
CSCI 300 Ethical Hacking	3			CSCI elective	3
CSCI elective	3			MATH 312 Linear Algebra	3
MATH 201 Calculus II	4			General Education (e.g., PHED, electives)	10
General Education (e.g., Social science 2, REL/PHL)	6				
Total	**16**				**16**

Year 4

Fall		Winter		Spring	
Course	**Credits**	**Course**	**Credits**	**Course**	**Credits**
CSCI elective	3			CSCI 498 Senior Capstone	3
MATH 180 Statistics	3			General Education (electives)	9
General Education (e.g., lab science, electives)	10				
Total	**16**				**12**

Notes:

This plan is not a contract curriculum and can change.

If you do not take any optional winter term classes, and you elect to take the lowest recommended number of credits each semester, you will not have enough credits to graduate in four years. You need a total of 124 credits, not including FND courses.

The BS in computer science requires a minor in mathematics.