



GENERAL STUDIES COMPUTER SCIENCE SPECIALIZATION

Associate of Science (AS)

Advising Sheet – Suggested Course Sequence

Student Name _____

Faculty Advisor _____

REQUIRED COURSES	CR	PRE-REQUISITE COURSES	APPROVED COURSE SUBSTITUTIONS	TERM THAT I PLAN TO TAKE OR √ TAKEN
SDV 101 Orientation to STEM	1		SDV 100 College Success Skills	
ENG 111 College Composition I	3	See Placement Test Scores		
MTH 161 Pre-Calculus I	3	See Placement Test Scores		
CSC 200 Introduction to Computer Science	3			
ECO 201 Principles of Macroeconomics	3			
Laboratory Science Elective (choose 1 sequence) BIO 101 General Biology 1 & BIO 102 General Biology II CHM 111 General Chemistry I & CHM 112 General Chemistry II PHY 241 University Physics I & PHY 242 University Physics II	8		See Note 2	
ENG 112 College Composition II	3	ENG 111		
MTH 162 Pre-Calculus II	3	MTH 161		
ECO 202 Principles of Microeconomics	3			
CSC 201 Computer Science I	4	MTH 263 (Co-Requisite)		
MTH 263 Calculus with Analytic Geometry I	4	MTH 162		
CSC 202 Computer Science II	4	CSC 201		
CST 100 Principles of Public Speaking	3			
Humanities Elective (choose 1): ART 101 History and Appreciation of Art I ART 102 History and Appreciation of Art II PHI 111 Logic PHI 220 Ethics	3			
Social Behavioral Science Elective (choose 1): HIS 112 History of World Civilization II PSY 200 Principles of Psychology PSY 230 Developmental Psychology SOC 200 Principles of Sociology	3	See Placement Test Scores		
CSC 205 Computer Organization <i>Offered Spring only</i>	3			
MTH 264 Calculus with Analytic Geometry II	4	MTH 263		
MTH 245 Statistics I	3	MTH 154 or MTH 161		
Total Minimum Credits to Complete	61			

NOTES:

- Students are strongly encouraged to complete their SDV, ENG, and MTH requirements first.
- A sequence BIO 101 & BIO 102, CHM 111 & CHM 112, or PHY 241 & PHY 242 is recommended.
- Courses noted as Spring only are based on historical trends and current planning and may change without notice.
- Students planning to transfer to VT for Computer Science should complete the Engineering AS. Students should confer with their intended transfer institution to ensure transferability into the desired program.

For more information on this major, contact the Division of Engineering, Business and Public Services. 804.706.5121 (Chester Campus, Godwin Hall, G108) or 804.594.1480 (Midlothian Campus, Hamel Hall, H206).