



GENERAL STUDIES COMPUTER SCIENCE SPECIALIZATION

Associate in 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 100 College Success Skills	1			
ENG 111 College Composition I	3	See Placement Requirements		
MTH 163 Precalculus I	3	See Placement Requirements		
CSC 200 Introduction to Computer Science	3			
History Elective	3		See Note 5	
Laboratory Science Elective	4		See Note 4	
ENG 112 College Composition II	3	ENG 111		
MTH 164 Precalculus II	3	MTH 163		
History Elective	3		See Note 5	
Laboratory Science Elective	4		See Note 4	
CSC 201 Computer Science I	4	Co-req MTH 173 or approval		
Transfer Elective MTH 173 Calculus with Analytic Geometry I	5	MTH 164		
Transfer Elective CSC 202 Computer Science II	4	CSC 201		
Humanities Elective	3		See Note 3	
Humanities Elective	3		See Note 3	
Social/Behavioral Science Elective	3		See Note 2	
Transfer Elective CSC 205 Computer Organization	3			
Transfer Elective MTH 174 Calculus with Analytic Geometry II	5	MTH 173		
Physical Education Elective	1			
Total Minimum Credits to Complete	61			

NOTES:

1. Students are strongly encouraged to complete their SDV, ENG, and MTH requirements first.
2. The social/behavioral sciences elective requirement can be satisfied by approved transfer courses with the following prefixes: ECO, GEO, PLS, HIS, PSY, and SOC.
3. The humanities elective requirement must be satisfied by completing one 3-credit conceptual humanities course. See <http://www.jtcc.edu/humanitieselectives> for a list of approved conceptual and applied humanities electives.
4. The laboratory science requirement can be satisfied by the following courses: BIO 101, BIO 102, BIO 110, BIO 120, CHM 101, CHM 102, CHM 111, CHM 112, CHM 129, CHM 130, ENV 121, ENV 122, GOL 105, NAS 125, PHY 101, PHY 102, PHY 150, PHY 201, PHY 202, PHY 241, and PHY 242. Students should confer with their intended transfer institution to ensure transferability into the desired program. Students interested in transferring to VCU should complete BIO 101-102 or CHM 111-112.
5. The history elective requirements can be satisfied by the following courses: HIS 101, HIS 102, HIS 111, HIS 112, HIS 121, HIS 122 or any other HIS course approved by the student's advisor.
6. Transfer Electives: Students should consider appropriate electives for their intended transfer institution. Students planning to transfer to VCU's Computer Science program should take the following transfer electives: CSC 202, CSC 205, MTH 173, MTH 174. Students should regularly confer with their faculty advisor to keep up with program updates and to ensure they are meeting VCU's transfer requirements.
7. Students should regularly meet with their faculty advisor and check their advisement report in MyTyler – SIS.
8. Courses noted as Fall only or Spring only are based on historical trends and current planning and may change without notice.