

Student _____

ID # _____

Advisor _____

GENERAL STUDIES, A.A. & S. DEGREE
Computer Science Specialization

Sem. & Yr. Taken	FIRST SEMESTER – FALL			Sem. & Yr. Taken	THIRD SEMESTER			
			Grade				Grade	
_____	CSC 221	Intro to Problem Solving and Programming	3	_____	CSC 222	Object-Oriented Programming	4	_____
_____	ENG 111	College Composition I	3	_____	ENG ____	200-level Literature Elective(s)	3	_____
_____	HIS 101	Western Civilizations Pre-1600 CE (or HIS 121)	3	_____	_____	Natural Science I with Lab ⁴	4	_____
_____	MTH ____	Mathematics Elective(s) ¹	3	_____	_____	Health or Physical Education Elective(s)	1	_____
_____	_____	Social Science Elective(s) ⁵	3	_____	_____	Transfer Elective(s) ²	3	_____
_____	SDV 100	College Success Skills	1				15	
			16					

Sem. & Yr. Taken	SECOND SEMESTER - SPRING			Sem. & Yr. Taken	FOURTH SEMESTER			
			Grade				Grade	
_____	ENG 112	College Composition II	3	_____	CSC 223	Data Structures and Analysis of Algorithms	4	_____
_____	HIS 102	Western Civilization and Post-1600 CE (or HIS 122)	3	_____	CSC 208	Introduction to Discrete Structures (or MTH 288)	3	_____
_____	MTH ____	Mathematics Elective(s) ¹	3	_____	CST 100	Principles of Public Speaking	3	_____
_____	_____	Social Science Elective(s) ⁵	3	_____	_____	Natural Science II with Lab ⁴	4	_____
_____	_____	Humanities / Fine Arts Elective(s) ³	3				14	
			15					

TOTAL MINIMUM CREDITS FOR A.A. & S. DEGREE – 60

¹Students should confirm math requirement at four-year transfer institution. Although a math sequence fulfills the requirements for an NRCC program, it may not fulfill the math requirement for the student’s intended major at a four-year institution. Students who plan to transfer need to determine the four-year institution’s math requirement prior to course selection. Students taking MTH 288 in the fourth semester should take MTH 263.

Mathematics Sequences: The Mathematics requirement may be selected from the following sequences.

MTH 155-MTH 161 Statistical Reasoning & PreCalculus I
 MTH 167-MTH 263 PreCalculus with Trigonometry & Calculus I
 MTH 161-MTH 261 PreCalculus I & Applied Calculus I

MTH 261-MTH 262 Applied Calculus I & II
 MTH 161-MTH 245 PreCalculus I & Statistics I
 MTH 263-MTH 264 Calculus I & II

²Students may choose a transfer elective and should determine transfer institution’s requirements prior to selection of IT electives. For example, choose a network class for a networking concentration, choose a web design class for a web development concentration, choose course ITP 251 for a software engineering concentration and choose a database class for a database concentration. Students may take any course listed in the Radford University VCCS Transfer Guide that is offered by New River and that begins with one of the following prefixes: CSC, ITD, ITE, ITP, or ITN.

³Students may choose from college approved Humanities/Fine Arts electives in the catalog, with the exception of ENG options, to fulfill this requirement.

⁴The Natural Science requirements may be selected from the following: BIO 101-102; CHM 111-112.

Students should determine transfer institution’s requirements prior to selection. Some four-year degree programs require a two-semester sequence of a single laboratory science, chosen from BIO 101/102, CHM 111/112, PHY 241-242.

⁵Students may choose from college approved Social Science electives in the catalog. One of the two required Social Science courses cannot be a HIS course.

NOTES FOR TRANSFER TO RADFORD UNIVERSITY

Determine transfer institution’s requirements prior to selection of electives.

- Students should take PHY 241 and PHY 242 if planning to transfer to Radford University’s Computer Science and Technology degree Computer Science concentration.
- Students should take MTH 263 or MTH 261 if planning to transfer any concentration in RU’s Computer Science and Technology degree or Information Science and Systems degree.
- In addition, students should take MTH 264 or MTH 262 if planning to transfer to Radford University’s Computer Science and Technology degree Computer Science concentration or Networks concentration.

For more details on RU degree requirements see RU IT Advising Guides at <http://www.radford.edu/content/csat/home/itec/programs/computer-science.html>