

**General Studies Transfer AA&S Degree
Computer Science Specialization
Advising Guide Track Sheet**

Student _____
Advisor _____
Email: _____

ID # _____
Date _____
Cell : _____

Plan to Transfer to a University? If yes, list degree and university. _____

Note: Students that plan to transfer after earning the degree should consult their IT Faculty Advisor at the beginning of studies to determine the appropriate transfer course requirements.

Degree Objective: Prepare to transfer to Radford University for a degree in Computer Science & Technology or Information Science & Systems. This degree includes 15 hours of CS and 48 hours of general education. For more information see the 2016-2017 NRCC catalog.

Planned	Actual	Notes	1st Semester – Fall 20__	Credits	Grade
_____	_____	* CSC 200	Intro to Computer Science	4	_____
_____	_____	CSC 110	Introduction to Computing	3	_____
_____	_____	1 MTH _____	Mathematics Elective	3	_____
_____	_____	ENG 111	College Composition I	3	_____
_____	_____	HIS 111	History of World Civilization I (or HIS 121 US History or HIS 101)	3	_____
_____	_____	SDV 100	College Success Skills	1	_____
				<u>17</u>	
Planned	Actual	Notes	2nd Semester – Spring 20__		Grade
_____	_____	1 MTH _____	Mathematics Elective	3	_____
_____	_____	ENG 112	College Composition II	3	_____
_____	_____	HIS 112	History of World Civilization II (or HIS 122 US History or HIS 102)	3	_____
_____	_____	_____	Social Science Elective	3	_____
_____	_____	3 _____	Humanities or Fine Arts Elective	3	_____
				<u>15</u>	
Planned	Actual	Notes	3rd Semester – Fall 20__		Grade
_____	_____	* CSC 201	Computer Science I	4	_____
_____	_____	ENG 241	Survey of American Literature I (or ENG 243 English Lit or ENG 251 World Lit)	3	_____
_____	_____	5 _____	Social Science Elective	3	_____
_____	_____	_____	Health or PE	1	_____
_____	_____	4 _____	Natural Science I with Lab	4	_____
				<u>15</u>	
Planned	Actual	Notes	4th Semester – Spring 20__		Grade
_____	_____	* CSC 202	Computer Science II	4	_____
_____	_____	* CSC 205	Computer Organization (or IT Elective)	3	_____
_____	_____	CST 100	Principles of Public Speaking	3	_____
_____	_____	4 _____	Natural Science II with Lab	4	_____
				<u>14</u>	
TOTAL MINIMUM CREDITS				<u>61</u>	

* Indicates specialization course

See important notes on page 2 of this document.

Students that have not taken a programming course in high school should take a programming course such as ITP 134 C++, EGR 126 C++ or ITP 112 Visual Basic before taking CSC 201 with Java.

Important Notes General Studies – Computer Science Specialization

Note (1): Students should confirm math requirement at 4-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 4 year university. Students who plan to transfer need to determine the 4 year university's math requirements prior to course selections.

Mathematics Sequences

The Mathematics requirement may be selected from the following sequences:

- MTH 163 Pre-calculus + MTH 157 Elementary Statistics or
- MTH 163 Pre-calculus + MTH 240 Statistics or
- MTH 163 Pre-calculus + MTH 271 Applied Calculus I or
- MTH 271 + MTH 272 Applied Calculus I & II or
- MTH 166 Precalculus with Trigonometry + MTH 175 Calculus of One Variable or
- MTH 173 + MTH 174 Calculus with Analytic Geometry I & II

Note (2): Students may choose an IT elective and should determine transfer institution's requirements prior to selection of IT electives. *For example, choose an ITN network class for a networking concentration, choose a ITP 110 web design class for a web development concentration, choose course ITP 251 for a software engineering concentration and choose a ITD 130 database class for a database concentration.*

Note (3): Students may choose from college approved Humanities/Fine Arts electives from the 2016-2017 NRCC catalog.

Note (4): The Natural Science requirements may be selected from the following:

- BIO 101-102 Biology I & II or
- CHM 111-112 Chemistry I & II or
- PHY 201-202 General College Physics I & II or
- PHY 231-232 General University Physics I & II (if planning to transfer to Radford University's Computer Science and Technology degree Computer Science concentration)*

Note (5): Students may choose from college approved Social Science electives on page 44 of the 2015-16 NRCC catalog.

Notes for Transfer to Radford University

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

- a. Students should take PHY 231 and PHY 232 if planning to transfer to Radford University's Computer Science and Technology degree Computer Science concentration.
- b. Students should take MTH 173 if planning to transfer any concentration in RU's Computer Science and Technology degree. Take MTH 271 for Information Science and Systems degree.
- c. In addition, students should take MTH 174 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/advising/progress-sheets/information-technology.html>