

<u>General Education Coursework:</u> ENGL 110C MATH 211 (4 credits) Information Literacy and Research: CS 121G preferred Human Behavior	<u>VCCS Equivalency:</u> ENG 111* MTH 173, 263 or 273* Transfer Equivalency Guide Transfer Equivalency Guide	<u>General Education Coursework:</u> ENGL 211C or 231C MATH 212 (4 credits) Philosophy and Ethics: PHIL 120P recommended Oral Communication	<u>VCCS Equivalency:</u> ENG 112, 210, 115 or 131* MTH 174, 264, or 274* Transfer Equivalency Guide Transfer Equivalency Guide
<u>Professional Education Coursework:</u> STEM 101 (1 credit)		<u>Professional Education Coursework:</u> STEM 102 (1 credit)	

<u>General Education Coursework:</u> Nature of Science I** (4 credits) Human Creativity MATH 307	<u>VCCS Equivalency:</u> Transfer Equivalency Guide Transfer Equivalency Guide	<u>General Education Coursework:</u> Nature of Science II** (4 credits) Interpreting the Past Literature	<u>VCCS Equivalency:</u> Transfer Equivalency Guide Transfer Equivalency Guide Transfer Equivalency Guide
CS 151 or 153 (4 credits)	CSC 221 (If CSC 221 is taught in C++ , transfers as CS 150, if taught in Java, as CS 151, if taught in Python, as CS 153)*	MATH 312 (4 credits)	
<u>Professional Education Coursework:</u> STEM 201		<u>Professional Education Coursework:</u> STEM 202	

<u>General Education Coursework:</u> Impact of Technology	<u>VCCS Equivalency:</u> Transfer Equivalency Guide	<u>Major Coursework:</u> MATH 316 MATH 400 MATH 404 STAT 310 or 431***	<u>VCCS Equivalency:</u>
<u>Major Coursework:</u> MATH 311W MATH 317 MATH 375 MATH 400-level elective or approved BDA course*** STAT 330 or 331***		<u>Professional Education Coursework:</u> SCI 468	

<u>Major Coursework:</u> MATH 406 MATH 417 or 422 STAT 310 or 431*** MATH 400-level elective or approved BDA course***	<u>VCCS Equivalency:</u>	<u>Professional Education Coursework:</u> STEM 402 STEM 485	<u>VCCS Equivalency:</u>
<u>Professional Education Coursework:</u> STEM 401			