

General Education and Major Coursework:  
CHEM 121N/122N(4 credits)  
MATH 163  
BIOL 121N & 122N (4 credits)  
ENGL 110C  
Professional Education Coursework:  
STEM 101 (1 credit)

VCCS Equivalency:  
CHM 111\*  
MTH 162, 164 or 167\*  
BIO 101\*  
ENG 111\*

General Education and Major Coursework:  
CHEM 123N/124N (4 credits)  
MATH 211 (4 credits)  
BIOL 123N & 124N (4 credits)  
ENGL 211C, 221C, or 231C  
Professional Education Coursework:  
STEM 102 (1 credit)

VCCS Equivalency:  
CHM 112\*  
MTH 173, 263 or 273\*  
BIO 102\*  
ENG 112, 210, 115 OR 131\*

Major Coursework:  
CHEM 211-CHEM 212 (5 credits)  
MATH 212 (4 credits)  
COMM 101R  
Professional Education Coursework:  
STEM 201

VCCS Equivalency:  
CHM 241 & 243\*  
MTH 174, 264, or 274\*  
CST 100, 105 or 110\*

Major Coursework:  
CHEM 213-214 (5 credits)  
Professional Education Coursework:  
STEM 202  
General Education Coursework:  
Information Literacy and Research -CHEM  
160G  
Philosophy and Ethics

VCCS Equivalency:  
CHM 242 & 244 or 246\*

[Transfer Guide](#)

General Education Coursework:  
[Interpreting the Past](#)  
[Human Creativity](#)

VCCS Equivalency:  
[Transfer Guide](#)  
[Transfer Guide](#)

Major Coursework:  
PHYS 231N(4 credits)  
CHEM 321 and CHEM 322 (5 credits)  
BIOL 293  
Professional Education Coursework:  
STEM 401

VCCS Equivalency:  
PHY 231 or 241\*

Major Coursework:  
PHYS 232N(4 credits)  
CHEM 441  
CHEM 442W (4 credits)  
Human Behavior: GEOG 101S  
Professional Education Coursework:

VCCS Equivalency:  
PHY 232 or 242\*  
  
GEO 200\*