

<u>General Education and Major Coursework:</u> CHEM 121N/122N* MATH 163* BIOL 121N & 122N* ENGL 110C*	<u>VCCS Equivalency:</u> CHM 111 MTH 162, 164 or 167 BIO 101 ENG 111	<u>General Education and Major Coursework:</u> CHEM 123N/124N* MATH 211(4credits)* BIOL 123N & 124N* ENGL 211C, 221C, or 231C*	<u>VCCS Equivalency:</u> CHM 112 MTH 173, 263 or 273 BIO 102 ENG 112, 210, 115 OR 131
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<u>General Education and Major Coursework:</u> CHEM 211 & CHEM 212* Language and Culture I (May be waived, see catalog for details) MATH 212 (4credits)* COMM 101R*	<u>VCCS Equivalency:</u> CHM 241 & 243 Transfer Guide MTH 174, 264, or 274 CST 100, 105 or 110	<u>General Education and Major Coursework:</u> CHEM 213 & 214 or CHEM 216* Language and Culture II (May be waived, see catalog for details) Information Literacy and Research -CHEM 160G Elective**	<u>VCCS Equivalency:</u> CHM 242 & 244 or 246 Transfer Guide
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<u>General Education and Major Coursework:</u> CHEM 321 & 322 (5 credits) PHYS 231N* BIOL 293 CHEM 441	<u>VCCS Equivalency:</u> PHY 231 or 241	<u>General Education and Major Coursework:</u> CHEM 443 Human Behavior PHYS 232N* CHEM 442W Elective**	<u>VCCS Equivalency:</u> Transfer Guide PHY 232 or 242
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<u>General Education and Major Coursework:</u> Interpreting the Past Philosophy and Ethics BIOL 294 CHEM 331 Upper Division Gen. Ed. Coursework:**	<u>VCCS Equivalency:</u> Transfer Guide Transfer Guide	<u>General Education and Major Coursework:</u> CHEM 485 (1 credit) CHEM 333 Literature Impact of Technology ddhmn Ceativity	<u>VCCS Equivalency:</u> Transfer Guide Transfer Guide Transfer Guide
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