

**TRANSFER ARTICULATION AGREEMENT**  
**SIERRA COLLEGE**  
2024 - 2025

**BIOCHEMISTRY, Bachelor of Science**

This agreement includes courses that may be completed prior to transfer, and satisfy major requirements. To be considered for transfer, all required courses for the major must be completed with a grade of C- or better. *NOTE: These courses are not required for admission to CUI.* Students must complete 18 units required for the major in residence at CUI. Agreement does not include all required courses for the major at CUI. Please refer to the CUI Catalog for a complete list of majors and degree requirements: <http://catalog.cui.edu/>. Also view Transfer Policies/Requirements on the website at: <https://www.cui.edu/studentlife/registrar/undergraduate-transfer-credits>

**Students are encouraged to review GE course options to identify courses that may apply to both GE and major prerequisites/requirements.**

**\*\*Online science labs are not accepted in transfer.**

CONCORDIA UNIVERSITY IRVINE	SIERRA COLLEGE
BIO 111 General Biology I	BIOL 1 General Biology
CHE 101 Intro to Chemistry & Lab <i>**CHE 101, or a passing score on the Chemistry Placement Exam, is a prerequisite for CHE 221</i>	CHEM 2A Introduction to Chemistry I
CHE 221 Chemistry I	CHEM 1A General Chemistry I
CHE 222 Chemistry II	CHEM 1B General Chemistry II
CHE 321 Organic Chemistry I	CHEM 12A Organic Chemistry I
CHE 322 Organic Chemistry II	CHEM 12B Organic Chemistry II
PHY 211 Physics I or  PHY 221 Calculus-based Physics I	PHYS 105 General Physics I <b>AND</b> PHYS 105L General Physics I Laboratory or PHYS 205 Principles of Physics: Mechanics <b>AND</b> PHYS 205L Principles of Physics Laboratory: Mechanics <i>*Both lecture and lab required</i>
PHY 212 Physics II or PHY 222 Calculus-based Physics II	PHYS 110 General Physics II <b>AND</b> PHYS 110L General Physics II Laboratory or PHYS 210 Principles of Physics: Electricity and Magnetism <b>AND</b> PHYS 210L Principles of Physics Laboratory: Electricity and Magnetism <i>*Both lecture and lab required</i>
Additional courses that may be taken to fulfill degree requirements. Choose up to 16 units:	Additional courses that may be taken to fulfill degree requirements. Choose up to 16 units:
BIO 112 General Biology II BIO 246 Human Anatomy and Physiology I BIO 247 Human Anatomy and Physiology II MTH 271 Calculus I MTH 272 Calculus II MTH 373 Calculus III	BIOL 140 Organismal Biology BIOL 5 Human Anatomy <b>AND</b> BIOL 6 Human Physiology = BIO 246 AND BIO 247 <i>*Both required</i> MATH 30 Analytical Geometry and Calculus I MATH 31 Analytical Geometry and Calculus II MATH 32 Analytical Geometry and Calculus III

*Updated August 2024*

Concordia University Irvine reserves the right to revise the contents of this agreement.

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