

**TRANSFER ARTICULATION AGREEMENT**  
**SIERRA COLLEGE**  
**2023 - 2024**

**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. 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   |
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| BIO 111 General Biology I   | BIOL 1 General Biology   |
| 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<br><br>PHY 221 Calculus-based Physics I  | PHYS 105 General Physics I <b>AND</b> PHYS 105L General Physics I Laboratory or<br>PHYS 205 Principles of Physics: Mechanics <b>AND</b><br>PHYS 205L Principles of Physics Laboratory: Mechanics<br><i>*Both lecture and lab required</i>  |
| PHY 212 Physics II or<br>PHY 222 Calculus-based Physics II  | PHYS 110 General Physics II <b>AND</b> PHYS 110L General Physics II Laboratory or<br>PHYS 210 Principles of Physics: Electricity and Magnetism<br><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:<br><br>BIO 112 General Biology II<br>BIO 246 Human Anatomy and Physiology I<br>BIO 247 Human Anatomy and Physiology II<br>MTH 271 Calculus I<br>MTH 272 Calculus II<br>MTH 373 Calculus III | Additional courses that may be taken to fulfill degree requirements. Choose up to 16 units:<br><br>No Comparable Course<br>BIOL 5 Human Anatomy <b>AND</b> BIOL 6 Human Physiology = BIO 246 <b>AND</b> BIO 247 <i>*Both required</i><br>MATH 30 Analytical Geometry and Calculus I<br>MATH 31 Analytical Geometry and Calculus II<br>MATH 32 Analytical Geometry and Calculus III |

*Created June 2023*

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

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