

**TRANSFER ARTICULATION AGREEMENT  
ORANGE COAST 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	ORANGE COAST COLLEGE
BIO 111 General Biology I	BIOL A180 Introduction to Biology for Majors I: Cell and Molecular 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 A130 Preparation for General Chemistry
CHE 221 Chemistry I	CHEM A180 General Chemistry A
CHE 222 Chemistry II	CHEM A185 General Chemistry B
CHE 321 Organic Chemistry I	CHEM A220 Organic Chemistry A <b>AND</b> CHEM A220L Organic Chemistry Laboratory A <span style="color: red;">*Both required</span>
CHE 322 Organic Chemistry II	CHEM A225 Organic Chemistry B <b>AND</b> CHEM A225L Organic Chemistry Laboratory B <span style="color: red;">*Both required</span>
PHY 211 Physics I or PHY 221 Calculus-based Physics	PHYS A120 Algebra-Based Physics I: Mechanics w/Lab or PHYS A185 Calculus-Based Physics: Mechanics
PHY 212 Physics II or PHY 222 Calculus-based Physics II	PHYS A125 Algebra-Based Physics 2: Electricity/Magnetism with Lab or PHYS A280 Calculus-Based Physics: Electricity and Magnetism
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	BIOL A185 Introduction to Biology for Majors 2: Ecology, Evolution, Diversity, and Physiology
BIO 246 Human Anatomy and Physiology I	BIOL A220 Human Anatomy <b>AND</b> BIOL A225 Human Physiology = BIO 246 & 247 <span style="color: red;">*Both required</span>
BIO 247 Human Anatomy and Physiology II	
MTH 271 Calculus I	MATH A180 Calculus 1 or MATH A180H Honors Calculus 1
MTH 272 Calculus I	MATH A185 Calculus 2 or MATH A185H Honors Calculus 2
MTH 373 Calculus III	MATH A280 Calculus 3 or MATH A280H Honors Calculus 3

*Updated January 2025*

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

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