

**TRANSFER ARTICULATION AGREEMENT  
AMERICAN RIVER 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	AMERICAN RIVER COLLEGE
BIO 111 General Biology I	BIOL 400 Principles of 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 305 Introduction to Chemistry
CHE 221 Chemistry I	CHEM 400 General Chemistry I
CHE 222 Chemistry II	CHEM 401 General Chemistry II
CHE 321 Organic Chemistry I	CHEM 420 Organic Chemistry I
CHE 322 Organic Chemistry II	CHEM 421 Organic Chemistry II
PHY 211 Physics I or PHY 221 Calculus-based Physics I	PHYS 350 General Physics or PHYS 410 Mechanics of Solids and Fluids
PHY 212 Physics II or PHY 222 Calculus-based Physics II	PHYS 360 General Physics or PHYS 421 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 415 Introduction to Biology: Biodiversity, Evolution, and Ecology
BIO 246 Human Anatomy and Physiology I	BIOL 430 Anatomy and Physiology
BIO 247 Human Anatomy and Physiology II	BIOL 431 Anatomy and Physiology
MTH 271 Calculus I	MATH 400 Calculus I
MTH 272 Calculus II	MATH 401 Calculus II
MTH 373 Calculus III	MATH 402 Calculus III

*Updated August 2024*

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

1530 Concordia West, Irvine CA 92612 • (800) 299-1200 ext. 3010 • [www.cui.edu/admissions/undergraduate](http://www.cui.edu/admissions/undergraduate) • [www.cui.edu/articulation](http://www.cui.edu/articulation)