

**TRANSFER ARTICULATION AGREEMENT
LONG BEACH CITY COLLEGE
2023 - 2024**

BIOLOGY, 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	LONG BEACH CITY COLLEGE
BIO 111 General Biology I	BIO 1A Biology for Science Majors
BIO 112 General Biology II	BIO 1B Biology for Science Majors
CHE 221 Chemistry I	CHEM 1A General Chemistry
CHE 222 Chemistry II	CHEM 1B General Chemistry
CHE 321 Organic Chemistry I	CHEM 12A Organic Chemistry
CHE 322 Organic Chemistry II	CHEM 12B Organic Chemistry
MTH 271 Calculus I	MATH 60 First Calculus Course or MATH 60H Honors First Calculus Course
MTH 272 Calculus II	MATH 70 Second Calculus Course or MATH 70H Honors Second Calculus Course
Choose one pairing below: PHY 211 Physics I and PHY 212 Physics II or PHY 221 Calculus-based Physics I and PHY 222 Calculus-based Physics II	PHYS 2A General Physics PHYS 2B General Physics or PHYS 3A Physics for Sci. & Eng. –Mechanics PHYS 3B Physics for Sci. & Eng. - E & M
Additional courses that may be taken to fulfill degree requirements: BIO 246 Human Anatomy and Physiology I BIO 247 Human Anatomy and Physiology II	Additional courses that may be taken to fulfill degree requirements: ANAT 1 Human Anatomy AND PHYSI 1 Human Physiology = BIO 246 & BIO 247 *Both required

Updated August 2023