

TRANSFER ARTICULATION AGREEMENT
SANTA ANA 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	SANTA ANA COLLEGE
BIO 111 General Biology I	BIOL 211 Cellular and Molecular Biology
CHE 221 Chemistry I	CHEM 219 General Chemistry or CHEM 219H Honors General Chemistry
CHE 222 Chemistry II	CHEM 229 General Chemistry and Qualitative Analysis
CHE 321 Organic Chemistry I	CHEM 249 Organic Chemistry I
CHE 322 Organic Chemistry II	CHEM 259 Organic Chemistry II
PHY 211 Physics I or PHY 221 Calculus-based Physics I	PHYS 279 College Physics I or PHYS 210 Principles of Physics I or PHYS 217 Engineering Physics I
PHY 212 Physics II or PHY 222 Calculus-based Physics II	PHYS 289 College Physics II or PHYS 211 Principles of Physics II or PHYS 227 Engineering Physics II
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	Additional courses that may be taken to fulfill degree requirements. Choose up to 16 units: BIOL 212 Animal Diversity and Ecology AND BIOL 214 Plant Diversity and Evolution *Both required BIOL 239 General Human Anatomy AND BIOL 249 Human Physiology = BIO 246 & BIO 247 *Both required MATH 180 Single Variable Calculus I MATH 185 Single Variable Calculus II MATH 280 Intermediate Calculus

Updated August 2023