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	EL CAMINO COLLEGE
BIO 111 General Biology I	BIO 110 Cell and Molecular Biology or BIO 110H Honors Cell and Molecular 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 7A Organic Chemistry I
CHE 322 Organic Chemistry II	CHEM 7B Organic Chemistry II

PHY 211 Physics I or
    PHY 221 Calculus-based Physics I
	PHYS 2A General Physics or
	    PHYS 1A Mechanics of Solids

PHY 212 Physics II or
    PHY 222 Calculus-based Physics II
	PHYS 2B General Physics or
	    PHYS 1C Electricity and Magnetism

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:
	
	BIO 120 Ecology, Evolution, Diversity and Physiology or
	    BIO 120H Honors Ecology, Evolution, Diversity and
	        Physiology
	APHY 34A Anatomy and Physiology I
	APHY 34B Anatomy and Physiology II **OR**
	    ANAT 32 General Human Anatomy **AND** PHYO 31 Human
	        Physiology = BIO 246 **AND** BIO 247
	MATH 190 Single Variable Calculus and Analytic Geometry I
	MATH 191 Single Variable Calculus and Analytic Geometry II
	MATH 220 Multivariable Calculus

Created September 2023