

Pacific University School of Natural Sciences Pathways Transfer Guide

Kapiolani Community College

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Students are advised to consult early with the Transfer Admissions Counselor and the Advising Center at Pacific University
 A Pacific University Bachelor's Degree is comprised of 3 parts: Major, Core, and Electives. This guide is designed to help you select foundations courses for your major. To complete core requirements Pacific recommends that students complete the LBRT Associates Degree or contact the Advising Center about selecting classes to meet core requirements. Future transfer students should discuss with a Pacific Advisor the amount of foundation courses for your major and the amount of core you should plan to transfer to Pacific.

Pathways for Future Pacific Transfer Students in the Natural Sciences		
Major	1 st and 2 nd Year Major Foundations Courses at Pacific	KCC Transfer Equivalencies
Biology	General Biology: BIOL 202 & 204	BIOL 171, 171L, 172, & 172L
	General Chemistry: CHEM 220 & 230	CHEM 161, 161L, 162, & 162L
	Consult with a Pacific Biology Advisor:	
	General Physics: PHY 202 & 204 or PHY 232 & 242	PHYS 151, 151L, 152, & 152L or PHYS 170, 170L, 172, & 172L
	OR Organic Chemistry: CHEM 300 & 400	CHEM 272, 272L, 273, & 273L*
	OR other Computer Science/Math sequence	Contact Advising Center for Equivalencies
Chemistry	General Chemistry: CHEM 220 & 230	CHEM 161, 161L, 162, & 162L
	Organic Chemistry: CHEM 300 & 400	CHEM 272, 272L, 273, & 273L*
	Highly Recommended before transferring:	
	General Physics: PHY 202 & 204 or PHY 232 & 242	PHYS 151, 151L, 152, & 152L or PHYS 170, 170L, 172, & 172L
	Calculus I & II: MATH 226 & 227	MATH 205 & 206
Computer Science	Introduction to Computer Science I: CS 150	Contact Advising Center for Equivalency
	Introduction to Computer Science II: CS 250	Contact Advising Center for Equivalency
	Calculus I: MATH 226 (plus any necessary prerequisites)	MATH 206
	Discrete Math: MATH 240	No equivalent
	Data Structures: CS 300	No equivalent
	Highly Recommended: Linear Algebra: Math 306	No equivalent
Environmental Science: Biology	General Chemistry: CHEM 220 & 230	CHEM 161, 161L, 162, & 162L
	General Biology: BIOL 202 & 204	BIOL 171, 171L, 172, & 172L
	Introduction to Environmental Studies: ENV 200	BIOL 214 & 124L
	Fundamentals of Organic Chemistry : CHEM 300	CHEM 272 & 272L*
	Choose from: Introduction to Anthropology: ANTH 101 <u>OR</u> Social Problems: SOC 102 (or ENV 224 or 333)	ANTH 200 <u>OR</u> SOC 218 (no equivalents for ENV 224 or 333)

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Major	1 st and 2 nd Year Major Foundations Courses at Pacific	KCC Transfer Equivalencies
Environmental Science: Chemistry & Toxicology	General Chemistry: CHEM 220 & 230	CHEM 161, 161L, 162, & 162L
	General Biology: BIOL 202 & 204	BIOL 171, 171L, 172, & 172L
	Calculus I: MATH 226	MATH 205
	General Physics: PHY 202 & 204 or PHY 232 & 242	PHYS 151, 151L, 152, & 152L or PHYS 170, 170L, 272, & 272L
	Introduction to Environmental Studies: ENV 200	BIOL 124 & 124L
	Organic Chemistry : CHEM 300 & 400	CHEM 272, 272L, 273, & 273L*
	Choose from Environmental Politics: ENV 224 or Environmental Economics: ENV 333	No equivalents
Environmental Studies: Sustainable Design (BA)	Permaculture Design I: ENV 141	No equivalent
	Introduction to Environmental Studies: ENV 200	BIOL 124 & 124L
	Choose from: Introduction to Anthropology: ANTH 101	ANTH 200
	OR Social Problems: SOC 102 (or ENV 224 or 333)	SOC 218 (no equivalents for ENV 224 or 333)
Exercise Science Integrative Physiology	Precalculus (unless higher math placement): MATH 125	MATH 135 & 140
	Statistics: Math 207 (or PSY 350 or SOC 301)	MATH 115
	General Chemistry: CHEM 220 & 230	CHEM 161, 161L, 162, & 162L
	General Biology: BIOL 202 & 204	BIOL 171, 171L, 172, & 172L
	Anatomy & Physiology: BIOL 224 & 240	ZOOL 141, 141L, 142, & 142L
	General Physics I: PHY 202 or PHYS 232 (Part II recommended: PHY 204 or 242)	PHYS 151 & 151L or 170 and 170L (Part II, PHYS 152 & 152L or 272 & 272L)
Exercise Science Motor Behavior	Precalculus (unless higher math placement): MATH 125	MATH 135 & 140
	Statistics: MATH 207 (or PSY 350 or SOC 301)	MATH 115
	Part One of General Biology: BIOL 202	BIOL 172 & 172L
	Anatomy & Physiology: BIOL 224 & 240	ZOOL 141, 141L, 142, & 142L
Math	Calculus I & II (full year): MATH 226 & 227	MATH 205 & 206
	Calculus III: MATH 228	MATH 231 & 232
	Discrete Mathematics: MATH 240	No equivalent
	Linear Algebra: MATH 306	No equivalent
	Introduction to Computer Science: CS 150	Contact Advising Center for Equivalency
Physics	Workshop Physics: PHY 232 & 242 (or 202 & 204)	PHYS 170, 170L, 272, & 272L (or PHYS 151, 151L, 152, & 152L)
	Calculus I & II: MATH 226 & 227	MATH 205 & 206
	Highly Recommended: Gen Chemistry: CHEM 220 & 230	CHEM 161, 161L, 162, & 162L

*Talking with a Pacific Advisor is highly recommended before taking a 200-level over a 300-level Organic Chemistry sequence.

- Only courses of "C-" or higher will be considered for transfer credit
- To graduate from Pacific you need 124 semester hours (186 quarter hours). 30 of the last 40 semester hours must be from Pacific.

This guide is subject to change and should not be regarded as a contract between Pacific University and students attending Kapiolani Community College. Contact with Pacific is recommended for the most current information.