

Guideline for Majors at Nearby 4 Year Institutions

Major: MICROBIOLOGY

R.C.C.
Counseling Department
2009-2010

Date: 2/10

NOTE: This Articulation Agreement is subject to periodic revision. Please consult the ASSIST website, www.assist.org, for up-to-date information.

College or University	Transfer Requirements	Units	RCC Equivalents	Units	Remarks
CAL POLY POMONA 2009-2010	BIO 121-123	15	BIO 11,12	5,5	*Petition dept. after transfer
	MIC 201	5	MIC 1	4	
	CHM 121,122,123	4,4,4	CHE 1A,1B	5,5	
	*ORGANIC CHE	4,4	*CHE 12A,12B	5,5	
	PHY 121,122,123	4,4,4	PHY 2A,2B	4,4	
	CIS 101	4	CIS 1A or 3	3	
	MAT 120	4	MAT 5	4	
	FN 203 or PSY 201 or PSY 210	4	HES 1 or PHP 35 or PSY 1 or 2	3	
	ENG 105	4	ENG 1B or 1BH	4	
CSU LONG BEACH 2009-2010	MATH 122	4	MAT 1A	4	Impacted major
	CHEM 111A,111B	5,5	CHE 1A,1B	5,5	
	MICR 211	5	MIC 1	4	
	BIOL 211A,211B	5,5	BIO 11,12	5,5	
	PHYS 100A,100B	4,4	PHY 2A,2B or 4A,4B	4,4	
SAN DIEGO ST. UNIV. 2009-2010	<u>B.S. degree:</u> BIOL 210AB	4,4	BIO 11,12	5,5	<i>Impacted major.</i> -cum. gpa of 2.7 or higher req'd.
	CHEM 231	4	CHE 12A	5	
	CHEM 200,201	5,5	CHE 1A or 1AH + 1B or 1BH	5,5	
	PHYS 180AB	4,4	PHY 2A,2B	4,4	
	MATH 150	5	MAT 1A	4	

College or University	Transfer Requirements	Units	RCC Equivalents	Units	Remarks
UCR 2009-2010	<u>B.S. Degree:</u> BIOL 5ABC CHEM 1ABC	4,4,4 4,4,4	BIO 11,12 CHE 1A or 1AH + 1B or 1BH	5,5 5,5	*Grades of 'B' or better required
	PHYSICS MATH 9ABC *CHEM (organic)	15 4,4,4 4,4,4	PHY 4ABC or 2AB MAT 1A,1B *CHE 12A,12B	8-12 4,4 5,5	-IGETC not accepted -Prioritize major reqt's. over gen. ed. reqts.

NOTE: An overall gpa of 2.70 in all transferable courses is required. In addition, Chem 1AB and two additional sequences (from either Biology or Math or Physics) must be completed prior to transfer.

THE MAJOR:

Microbiology is the study of microscopic forms of life (bacteria, viruses, molds, yeasts, algae, protozoa) used in food and industrial microbiology, immunology, medical microbiology, microbial ecology, genetics microbial physiology, and virology
Preprofessional students (medical and dental) find microbiology excellent training for their graduate work. Employment opportunities are available in industry, hospitals, government agencies, and universities.

CAREER FIELDS:

Clinical Microbiologist
Cytotechnologist
Environmental Health Scientist
Food and Drug Inspector
Genetic engineering technician
Microbiologist
Public Health Scientist
Quality Control Microbiologist
Research Laboratory Technician

For further information on career options, please visit the Career Center.