

Minor in Microbiology

Minor Requirements Worksheet

2013-2014 Catalog

Name: _____

Student ID: _____

Note: This checklist is not intended to replace advising from the major department. Students should consult with the major advisor to determine the appropriate sequence of courses. This checklist is to inform students of minor requirements and course prerequisites only. CSULB Enrollment Services prepares the Academic Requirements Report, which is the official graduation verification.

Before adding any minors, students must check to see if this addition will affect CSULB's Timely Graduation for Undergraduate Students policy. Under this policy, students may earn up to 120% of the number of units required for the degree in their declared primary major. In addition, the policy requires that a student must file a Request to Graduate form with Enrollment Services by the time the student has completed 100% of the units required for the declared primary major. Any additional degree objectives (e.g., majors, minors, certificates, etc.) must be completed within the 120% unit limit. For more information, see http://www.csulb.edu/depts/enrollment/graduation/bachelors/timely_grad_ugrad.html.

This minor may be combined with any major at CSULB except the B.S. Microbiology.

A minimum of 19 units which must include:

Lower Division

Grade	Course #	Course Title	Semester	Prerequisites (all with a grade of "C" or better)
	MICR 211	General Microbiology (5)		BIOL 211, 212; CHEM 111B

The following courses do not meet any specific or elective requirements for this minor: BIOL 100, 153, 153L, 200, 200L, 205, 205L, 207, 208; MICR 101 and 200.

Upper Division:

Take all of the following courses:

Grade	Course #	Course Title	Semester	Prerequisites (all with a grade of "C" or better)
	MICR 320	Bacterial pathogenesis (3)		MICR 211
	MICR 416	Virology (3)		MICR 320 or BIOL 340
	MICR 430	Immunology (3)		BIOL 340

Take a minimum of five units from the following: MICR 322, 371, 471, 473 (see below for prerequisites)

Grade	Course #	Course Title	Semester	Prerequisites (see below)

The following courses do not meet any specific or elective requirements for this minor: BIOL 100, 153, 153L, 200, 200L, 205, 205L, 207, 208; MICR 101 and 200. The following courses do not meet any specific or elective requirements for this major: 301, 304, 305, 308, MICR 300I, and NSCI 492.

For Reference: Courses and Prerequisites

Grade	Course #	Course Title	Prerequisites (all with a grade of "C" or better)
	MICR 322	Mycology/Parasitology (5)	BIOL 211, 212; MICR 320
	MICR 371	Microbial Genetics (3)	MICR 211
	MICR 471	Bacterial Physiology (3)	MICR 320, CHEM 441A
	MICR 473	Food and Industrial Microbiology (3)	MICR 200 or 211; CHEM 441A or 448