

B.S. BREADTH REQUIREMENTS			
Course Name	Units	Quarter	Grade
ENGLISH (12 units) "C" or higher			
WRIT 010	4		
WRIT 020	4		
WRIT 030	4		
HUMANITIES (12 units)			
<i>One (1) 4-unit course from any of: World History 10, 15 or 20</i>			
	4		
<i>One (1) 4-unit course in Fine Arts, Lit, Phil, or Rel Studies</i>			
	4		
<i>One (1) additional 4-unit humanities course</i>			
	4		
SOCIAL SCIENCES (12 Units)			
<i>One (1) 4-unit course from either of: Economics, Political Science</i>			
	4		
<i>One (1) 4-unit course any of: Anthropology, Psychology, Sociology</i>			
	4		
<i>One (1) additional 4-unit social science course</i>			
	4		
ETHNIC STUDIES			
<i>One (1) 4-unit Ethnic Studies course (can be used to satisfy additional humanites or social science area)</i>			
	4		
CORE REQUIREMENTS (72-73 units) C- or higher			
Course Name	Units	Quarter	Grade
MATH 7A	4		
MATH 7B	4		
STAT 10*	5		
CHEM 1A, 1LA	5		
CHEM 1B, 1LB	5		
CHEM 1C, 1LC	5		
BIOL 5A	4		
BIOL 5LA or 20	1-2		
BIOL 5B	4		
BIOL 5C	4		
CHEM 8A, 8LA	4		
CHEM 8B, 8LB	4		
CHEM 8C, 8LC	4		
PHYS 2A, 2LA	5		
PHYS 2B, 2LB	5		
PHYS 2C, 2LC	5		
BCH 100 or 110A	4		

Minimum 180 units required for a Bachelor's Degree.

Core Curriculum. Student must complete all required core curriculum courses with a grade of "C-" or higher and with a cumulative GPA in the courses of at least 2.0 or higher.

* **STATS.** Please consult with your advisor if you earned STAT8/48 credit in high school or at a community college; STAT 100A will be accepted if taken prior to Fall 2021.

BCH. Students with a 2024 Catalog Year (or later) can take BCH 100 or BCH 110A (110B is no longer required).

Microbiology - Bachelor of Science (MCBL) Summary Sheet

Name: _____

SID: _____

Catalog Requirements:

<http://www.catalog.ucr.edu>

For a list of approved Breadth courses:

<https://cnasstudent.ucr.edu/files/Breadth.pdf>

UPPER DIVISION REQUIREMENTS (38 units)			
Course Name	Units	Quarter	Grade
a) Major Core (20 units)			
BIOL 102	4		
BIOL 107A	4		
MCBL 131	4		
MCBL 131L	4		
MCBL 125	4		
b) Major Electives (18 units)			
BIOL 128/CBNS 128, BIOL 157, BIOL 158, CBNS 101, ENSC 120/NEM 120, MCBL 120/BIOL 120/PLPA 120, MCBL 120L/ BIOL 120L/PLPA 120L, MCBL 122/ BIOL 122, MCBL 123/BIOL 123/PLPA 123, MCBL 124/BIOL 124, MCBL 125 (when repeated), MCBL 126, MCBL 127, MCBL 128, MCBL 129, MCBL/ENSC 133, MCBL 139, MCBL 190, MCBL 197**, NEM 159/ BIOL 159, PLPA 134/BIOL 134, PLPA 134L/ BIOL 134L			
Total Major Elective Units:		18 required	
c) Depth Requirements** (16 units)			
BCH 162, BIOL 107B, BIOL 109, BIOL 119, MCBL 190***, MCBL 198-I****			
+Acceptable courses include any course not used to fulfill requirements in section B or the following lower-division courses can be applied: CS 009A, MATH 009C, MATH 010A, STAT 010 OR STAT 011.			
STAT 10* (<i>Required</i>)	5 units		
Total Other Units:		16 required	

**THIS WORKSHEET DOES NOT REPLACE THE UCR CATALOG OR
MEETING WITH YOUR ACADEMIC ADVISOR**

Upper-Division GPA must be at least 2.0 or higher for graduation.

***MAJOR ELECTIVE UNITS in excess of 18 may also be applied to Depth Requirements.

***MCBL 190 and MCBL 197. No more than 4 units of MCBL 197 and 190 units can be applied to the upper division requirements unless approved by the Microbiology Steering Committee.

***MCBL 198-I. No more than 4 units can be applied to Depth Requirements unless approved by the Microbiology Steering Committee.

DEPTH REQUIREMENTS. For the Bachelor of Science degree, an additional 16 units in upper-division microbiology courses and/or substantive courses in a field or fields related to the major are required.