

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****			
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. Acceptable courses include any course not used to fulfill requirements under Section B) Major Electives, BCH 162, BIOL 107B, BIOL 109, BIOL 119, and MCBL 198-I3. Some lower-division courses can also be applied such as STAT 010, STAT 011, MATH 009C, MATH 010A, or CS 009A.