

<b>B.S. BREADTH REQUIREMENTS</b>			
Course Name	Units	Quarter	Grade
<b>ENGLISH (12 units)</b>			
ENGL 1A	4		
ENGL 1B	4		
ENGL 1C/1SC	4		
<b>HUMANITIES (12 units)</b>			
<i>One (1) 4-unit course from any of: World History 10, 15 or 20</i>			
	4		
<i>One (1) 4-unit course from the following:</i>			
Fine Arts (Art; Art History; Creative Writing; Dance; Music; Theatre); Literature; Philosophy; Religious Studies			
	4		
<i>One (1) additional 4-unit humanities course</i>			
	4		
<b>SOCIAL SCIENCES (12 Units)</b>			
<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		
<b>ETHNIC STUDIES</b>			
<i>One 4-unit Ethnic Studies course *</i>			
	4		

<b>CORE REQUIREMENTS (72-77 units)</b>			
Course Name	Units	Quarter	Grade
MATH 8B or 9A	4-5		
MATH 9B	4		
STAT 100A or 100B**	5		
CHEM 1A	4		
CHEM 1LA	1		
CHEM 1B	4		
CHEM 1LB	1		
CHEM 1C	4		
CHEM 1LC	1		
BIOL 005A	4		
BIOL 005LA	1		
BIOL 005B	4		
BIOL 005C	4		
CHEM 12A	4		
CHEM 12B	4		
CHEM 12C	4		
PHYS 002A	4		
PHYS 002LA	1		
PHYS 002B	4		
PHYS 002LB	1		
PHYS 002C	4		
PHYS 002LC	1		
BCH 100 or 110A+110B	4-8		

\*The course used to fulfill the Ethnic Studies requirement can simultaneously be included in either the additional Humanities or Social Sciences area, but not both

## Microbiology - Bachelor of Science (MCBL) Summary Sheet

Name: \_\_\_\_\_

SID: \_\_\_\_\_

Catalog Requirements Fall 2016:

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

For a list of approved Breadth courses:

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

<b>UPPER DIVISION REQUIREMENTS (37 units)</b>			
Course Name	Units	Quarter	Grade
<b>a) Major Core (19 units)</b>			
BIOL 102	4		
BIOL 107A	4		
MCBL/BIOL 121	4		
MCBL/BIOL 121L	3		
MCBL 125	4		
<b>b) Major Electives (18 units minimum chosen from the courses below)</b>			
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 141/ENSC 141, MCBL 197***, PLPA 134/BIOL 134, PLPA 134L/BIOL 134L			
A more complete list of acceptable courses is available at the CNAS Undergraduate Academic Advising Center			
<b>OTHER REQUIREMENTS (16 units chosen from the courses below)</b>			
BIOL 107B, BIOL 109, BIOL 119, ENSC 133/MCBL 133, MCBL 190, MCBL 198-I****			
Major elective units in excess of 18 may also be applied to this area			

\*\*Students with credit for STAT 48 must take STAT 100B instead of STAT 100A to fulfill this requirement

\*\*\*No more than 4 units can be applied to the Major Electives unit requirement unless approved by the Microbiology Steering Committee

\*\*\*\*No more than 4 units can be applied to the Other Requirements unit requirement unless approved by the Microbiology Steering Committee

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