

<b>B.S. BREADTH REQUIREMENTS</b>			
<b>Course Name</b>	<b>Units</b>	<b>Quarter</b>	<b>Grade</b>
<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 (1) 4-unit Ethnic Studies course (can be used to satisfy additional humanites or social science area)</i>			
	4		
<b>CORE REQUIREMENTS (72-77 units)</b>			
<b>Course Name</b>	<b>Units</b>	<b>Quarter</b>	<b>Grade</b>
MATH 7A or 9A*	4		
MATH 7B or 9B*	4		
STAT 100A or 100B**	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+110B	4-8		

\*MATH 7A & 7B are for freshmen students starting Fall 2017

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

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

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

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

Catalog Requirements Fall 2017:

<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>			
<b>Course Name</b>	<b>Units</b>	<b>Quarter</b>	<b>Grade</b>
<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)</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 126, MCBL 141/ENSC 141, MCBL 197***, PLPA 134/BIOL 134, PLPA 134L/BIOL 134L A more complete list of acceptable courses is available at <a href="http://cnasstudent.ucr.edu/majors/microbiology">cnasstudent.ucr.edu/majors/microbiology</a>			
<b>Other Requirements (16 units)</b>			
BCH 110C, BIOL 107B, 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			

\*\*\*No more than 4 units can be applied to the upper division major requirements unless approved by the Microbiology Steering Committee

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