

| B.S. BREADTH REQUIREMENTS | | | |
|--|-------|---------|-------|
| Course Name | Units | Quarter | Grade |
| ENGLISH (12 units) | | | |
| ENGL 1A | 4 | | |
| ENGL 1B | 4 | | |
| ENGL 1C | 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 (72-77 units) | | | |
| Course Name | Units | Quarter | Grade |
| MATH 7A | 4 | | |
| MATH 7B | 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 | | |

*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 2019:

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

For a list of approved Breadth courses:

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

| UPPER DIVISION REQUIREMENTS (37 units) | | | |
|---|-------|--------------------|-------|
| Course Name | Units | Quarter | Grade |
| a) Major Core (19 units) | | | |
| BIOL 102 | 4 | | |
| BIOL 107A | 4 | | |
| MCBL/BIOL 121 | 4 | | |
| MCBL/BIOL 121L | 3 | | |
| 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 123/BIOL 123/PLPA 123, MCBL 124/BIOL 124, MCBL 126, MCBL 127, MCBL 128, MCBL 197**, PLPA 134/BIOL 134, MCBL139/ENTM139, MCBL129 | | | |
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| | | | |
| Total Major Elective Units: | | 18 required | |
| c) Other Requirements** (16 units) | | | |
| BCH 162, BIOL 107B, BIOL 119, ENSC 133/MCBL 133, MCBL 190***, MCBL 198-I**** | | | |
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| | | | |
| | | | |
| | | | |
| Total Other Units: | | 16 required | |

**Major Elective units in excess of 18 may also be applied to Other Requirements

***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

****No more than 4 units can be applied to other requirements unless approved by the Microbiology Steering Committee

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