

# CMDB BS

## Cell, Molecular, and Developmental Biology CMDB - Bachelor of Science Summary Sheet

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

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

Catalog Requirements effect. Fall 2019

[www.catalog.ucr.edu](http://www.catalog.ucr.edu)

For a list of approved Breadth courses:

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

B.S. BREADTH REQUIREMENTS			
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) course from any of: World History 10, 15, or 20</i>			
	4		
<i>One (1) course in: Fine Arts, Literature, Philosophy, or Religious Studies</i>			
	4		
<i>One (1) additional Humanities course</i>			
	4		
<b>SOCIAL SCIENCES (12 Units)</b>			
<i>One (1) course from either of: Economics, Political Science</i>			
	4		
<i>One (1) course from any of: Anthropology, Psychology, Sociology</i>			
	4		
<i>One (1) additional Social Science course</i>			
	4		
<b>ETHNIC STUDIES</b>			
<i>One (1) Ethnic Studies course (can be used to satisfy a course in the</i>			
<i>Additional Humanities or Social Science area)</i>			
	4		
<b>CORE REQUIREMENTS (72-77 units)</b>			
Course Name	Units	Quarter	Grade
MATH 7A	4		
MATH 7B	4		
STAT 100A*	5		
CHEM 1A, 1LA	5		
CHEM 1B, 1LB	5		
CHEM 1C, 1LC	5		
BIOL 5A, 5LA	5		
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 or 8		

\*Credit is not awarded for STAT 100A if previously awarded for STAT 48.

\*\* Research must be 3 units to apply to lab area

\*\*8 units maximum 190-199, including no more than 4 units 198, may apply to major electives. An additional 1 unit may apply to depth.

UPPER DIVISION REQUIREMENTS (40 units)			
MAJOR CORE (16 units)			
Course Name	Units	Quarter	Grade
BIOL 102	4		
BIOL 107A or BCH 110C	4		
CBNS 101	4		
CBNS 108	4		
MAJOR ELECTIVES (24 units)			
<i>(at least one from each emphasis and two laboratory courses)</i>			
Cellular emphasis (1)			
BIOL/MCBL 121	4		
BIOL/CBNS 128	3		
BPSC 135	4		
CBNS 106	4		
CBNS 116	4		
CBNS/PSYC 120	4		
CBNS 165	4		
Molecular emphasis (1)			
BCH 180E	2		
BIOL 107B	3		
BIOL 119	4		
BIOL/MCBL 124	4		
BIOL/BPSC 155	4		
BPSC/CBNS 109	4		
CBNS/ENTX 150	4		
Developmental emphasis (1)			
BCH 183	4		
BIOL 115	4		
BIOL/MCBL 123	4		
BIOL/BPSC 132	4		
CBNS/PSYC 121	4		
CBNS 169	4		
Laboratory Courses (2)			
BIEN 155	2		
BIOL/BPSC 104	4		
BIOL 118	4		
BIOL/MCBL 121L	3		
BIOL/ BPSC 132	4		
BIOL/BPSC 143	4		
BIOL 161A	5		
CBNS/PSYC 120L	2		
MCBL 125	4		
PHIL 9 or 167	4		
Research**			
<b>Total Major Elective Units:</b>		<b>24 Required</b>	
DEPTH REQUIREMENT (16 units)			
A list of acceptable Depth courses is available online			
<b>Total Depth Units:</b>		<b>16 Required</b>	