

**Biochemistry and Molecular Biology, B.S.**

**(2018-2019)**

College of Biological Sciences

Graduation Requirements: 180 units, including 64 upper division units; Min. 2.0 GPA req. in major, depth, and cumulative

Residency Requirement: 35 of last 45 units must be completed at UC Davis

All major courses must be taken for a letter grade (*excluding courses offered only as P/NP*)

**PREPARATORY SUBJECT MATTER : 50-57 UNITS**

**(LOWER DIVISION REQUIREMENTS)**

Course	Offered	Units	Grade
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**Biological Sciences (BIS)**

BIS 2A	(F,W,S)	5	_____
BIS 2B	(F,W,S)	5	_____
BIS 2C	(F,W,S)	5	_____

**General Chemistry (CHE)**

CHE 2A	(F,W)	5	_____
CHE 2B	(W,S)	5	_____
CHE 2C	(F,S)	5	_____

**Mathematics (MAT)**

MAT 17A or 21A	(F,W,S)	4	_____
MAT 17B or 21B	(F,W,S)	4	_____
MAT 17C or 21C*	(F,W,S)	0-4	_____

\*MAT 21C recommended, but not required

**Physics (PHY)**

PHY 7A	(F,W,S)	4	_____
PHY 7B	(F,W,S)	4	_____
PHY 7C	(F,W,S)	4	_____
<b>OR</b>			
PHY 9A	(F,S)	5	_____
PHY 9B	(F,W)	5	_____
PHY 9C	(W,S)	5	_____

**DEPTH SUBJECT MATTER : 56-68 UNITS**

**(UPPER DIVISION REQUIREMENTS)**

BIS 101	(F,W,S)	4	_____
BIS 102	(F,W,S)	3	_____
BIS 103	(F,W,S)	3	_____
BIS 104	(F,W,S)	3	_____
STA 100*	(F,W,S)	4	_____

\*STA 130AB also accepted

**DEPTH SUBJECT MATTER (continued)**

**Organic Chemistry (CHE)**

CHE 118A	(F,W)	4	_____
CHE 118B	(W,S)	4	_____
CHE 118C	(F,S)	4	_____

**OR**

CHE 128A and 129A		3/2	_____
CHE 128B and 129B		3/2	_____
CHE 128C		3	_____

**Physical Chemistry (CHE)**

CHE 107A	(F,W)	3	_____
CHE 107B	(W,S)	3	_____

**OR**

CHE 110A	(F,S)	4	_____
CHE 110B	(F,W)	4	_____
CHE 110C	(W,S)	4	_____

**Molecular and Cellular Biology (MCB)**

MCB 120 <b>and</b> 120L	(F,W,S)	3/3	_____
MCB 121	(F,W,S)	3	_____
MCB 123	(F,S)	3	_____

MCB 124 <b>OR</b>	(F)	4	_____
MCB 143	(S)	3	_____

**Restricted Electives: 6 units** of upper division courses in biological sciences or chemistry relevant to the student's interest chosen in consultation with the advisor. Students are encouraged to obtain additional laboratory experience; however, no more than 3 units of 192, 193 or 199 research may be counted toward restricted electives.

_____	_____	_____
_____	_____	_____

**Total Units:** \_\_\_\_\_