

Biochemistry and Molecular Biology, B.S.**(2021-2022)**

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 : 53-60 UNITS**(LOWER DIVISION REQUIREMENTS)**

<u>Course</u>	<u>Offered</u>	<u>Units</u>	<u>Grade</u>
Biological Sciences (BIS)			
BIS 2A	(F,W,S)	5	_____
BIS 2B	(F,W,S)	5	_____
BIS 2C	(F,W,S)	5	_____
BIS 2D	(W,S)	3	_____

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	_____

OR

PHY 9A	(F,S)	5	_____
PHY 9B	(F,W)	5	_____
PHY 9C	(W,S)	5	_____

DEPTH SUBJECT MATTER : 53-65 UNITS**(UPPER DIVISION REQUIREMENTS)**

BIS 101	(F,W,S)	4	_____
BIS 102	(F,W,S)	3	_____
BIS 103	(F,W,S)	3	_____

STA 100*	(F,W,S)	4	_____
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*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 and 120L	(F,W,S)	3/3	_____
MCB 121	(F,W,S)	3	_____
MCB 123	(F,S)	3	_____

MCB 124 OR	(F)	4	_____
MCB 143	(S)	3	_____

Restricted Electives:**Complete at least 6 units of upper division coursework from the course options included on the second page.**

NOTE: Up to 3 total units of internship and research (189, 190C, 192, 193, 199, etc.) can be applied toward restricted electives. 197T Tutoring units will not satisfy restricted electives.

Total Units: _____

For detailed course information such as course titles, descriptions, and prerequisites, please see the [UC Davis General Catalog](#). For current course offerings, please use [Schedule Builder](#). Please note course offerings and degree requirements are subject to change; please consult with a [BASC advisor](#) to ensure graduation requirements are fully met.

Restricted Elective Course Options

A small selection of other courses may work upon consultation with BMB master or BASC advisor

ANS 137

ANT 151, 152, 158

BIM 162

BIS 100-199 (except for BIS 101, 102, 103, and 105)

BIT 100-199 (except for BIT 197T)

CHE 100-199 (except for CHE 107AB, 108, 110ABC, and 197T)

ECH 140, 142, 143, 152A, 152B

ENT 100, 102, 153, 158

EVE 100-199 (except for EVE 197T)

EXB 101, 106, 106L, 117, 124

EXT 101, 104, 110, 120, 128, 130

FST 100A, 100B, 102A, 102B, 104, 123, 128

GDB 101, 103

GEL 107

IDI 141

MCB 100-199 (except for courses already being used to fulfill major requirements and 197T)

MIC or MMG 100-199 (except for 197T)

MMI 188

NPB 100-199 (except for 102 and 197T)

NUT 104, 105, 111AY, 112

PHY 140B

PLB 100-199 (except for 197T)

PLS 147

PMI 100-199 (except for 197T)

PSC 101

STA 101, 103, 104, 106, 108

VMB 101V, 101Y

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