

Biological Sciences, B.S.

(2019-2020)

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 : 56-66 UNITS

(LOWER DIVISION REQUIREMENTS)

Course	Offered	Units	Grade
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	_____

Organic Chemistry (CHE)

CHE 8A	(F,S)	2	_____
CHE 8B	(F,W)	4	_____

OR

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

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	_____

DEPTH SUBJECT MATTER : 42-50 UNITS

(UPPER DIVISION REQUIREMENTS)

SECTION 1: Common Curriculum

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

OR

BIS 105*	(F,W,S)	3	_____
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*if do not take BIS 102 AND 103

BIS 104	(F,W,S)	3	_____
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DEPTH SUBJECT MATTER (*continued*)

SECTION 2: Choose one course from each topic

Statistics:

STA 100	(F, W, S)	4	_____
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Evolution:

EVE 100	(F, W, S)	4	_____
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Ecology: EVE 101 OR ESP 100

_____	_____	_____	_____
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Microbiology: MIC 102, 162, 170; FST 104

_____	_____	_____	_____
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Animal Physiology, Behavior or Development : NPB 100, 101, 102, 141; MCB 150

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Plant Physiology or Development

PLB 105, 111, 112, 113, 116, 126

_____	_____	_____	_____
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SECTION 3: Laboratory Requirement

Choose course(s) for a minimum total of six hours/week of laboratory or field work from the list of courses below.

Choose one with six hours lab or field work/week.

BIS 180L; CHA 101L/EXB 106L; EVE 105, 106, 108, 112L, 114; FST 104L; MIC 104L, 105L; MCB 120L, 140L, 160L; NPB 111L, 141P; PLB 102, 105, 108, 116, 148

OR

Choose two with three hours lab or field work/week.

EVE 110, 117, 119, 140, 180A, 180B; EXB 104L; 115; MIC 103L; NPB 100L, 101L, 121L, 123; PLB 117, 119

SECTION 4: Restricted Electives

Complete at least 3 courses and a minimum of 11 units from the course **options included on the second page.**

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.

SECTION 4: Restricted Electives (*continued*)

Observing these restrictions: No class or lab used to satisfy section 1 or 2 may be used as restricted elective

Approved Restricted Elective Course Options

ANG 105, 107

ANS 104, 119, 123, 131, 142, 170

ANT 129, 151,152,153,154A, 154BN, 157

APC 100; AVS 100, 150

BIM 117, 140

BIS All Upper Division***

BIT 150, 160, 161A, 161B, 171

CHA 101, 101L (cross-listed with EXB 106 and 106L)

CHE 104, 107A, 107B, 108, 130A, 130B, 150

ECS 124

EDU 100, 181

ENH 102, 105

ENL 164

ENT All Upper Division***

ESM 144

ESP 110 111, 116N, 121, 123, 124 150A, 150B, 150C, 151, 151L, 155

ETX 101, 102B, 103A, 104

EVE All Upper Division***

EXB 101, 103, 106, 106L, 110, 111, 124

FST 102A, 104

GEL 107, 107L, 108, 116N, 141, 141L, 144, 150A, 150B, 150C, 181

HDE 117

MAT 124

MIC All Upper Division***

MCB All Upper Division***

MMI 188

NPB All Upper Division***

NUT 104

PHI 108

PLB All Upper Division***

PLP 120, 123, 130, 148

PLS 102, 130, 131, 135, 142, 144, 150, 153, 154, 157, 158

PMI 126, 126L, 128

PSC 121, 122, 123, 124

SSC 111

STS 108, 129, 130A, 131, 164, 180

UWP 111C, 112, 120, 121

WFC 100, 101, 110, 110L, 111, 111L, 120, 120L, 121, 122, 130, 134, 134L, 136, 140, 141, 151, 154, 157

*****NOTE: Courses numbered 198 do not fulfill restricted elective units without advisor approval. Discussion section courses, those noted with a "D" do not fulfill restricted elective units. Only up to 3 units of approved seminar or research courses can be applied to the restricted electives.**

Approved Seminar/Research Courses

Courses numbered 189, 190/190C, 192, 194H, and 199 in ABI, ANS, BIS, BIT, ENH, ENT, ETX, MCB, MIC, NPB, PLB, PLP, PLS, VEN, WFC as well as:

BIS 122P, 123, 133

EVE 111

MCB 138, 139, 148, 158, 178, 191, 193

MIC 191

NPB 139, 159, 169

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