

Biological Sciences, B.S.**(2020-2021)**

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)**

<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	_____
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	_____
<u>OR</u>			
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	_____
<u>OR</u>			
BIS 105*	(F,W,S)	3	_____
*if do not take BIS 102 AND 103			
BIS 104	(F,W,S)	3	_____

DEPTH SUBJECT MATTER (continued)**SECTION 2: Choose one course from each topic****Statistics:**

STA 100 (F, W, S) 4 _____

Evolution:

EVE 100 (F, W, S) 4 _____

Ecology: EVE 101 OR ESP 100**Microbiology:** MIC^ 102, 162, 170; FST 104**Animal Physiology, Behavior or Development:** NPB 100, 101, 102, 107, 141; MCB 150**Plant Physiology or Development**

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

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

^NOTE: MIC courses are in the process of transitioning to MMG courses within 1 year.

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 151,152,153,154A, 154B, 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, 183

ENH 102, 105

ENT All Upper Division***

ESP 110, 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

HDE 117

HPH 115

MAT 124

MCB All Upper Division***

MIC^ All Upper Division***

MMI 188

NPB All Upper Division***

PHI 108

PLB All Upper Division***

PLP 120, 130

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

PMI 126, 126L, 127, 128

PSC 121, 122, 123, 124

SOC 162 or 163 (choose only one)

SSC 111

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

UWP 111C, 112A, 120, 121

WFC 100, 101, 110, 110L, 111, 111L, 120, 120L, 121, 122, 130, 134, 134L, 136, 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

^NOTE: MIC courses are in the process of transitioning to MMG courses within 1 year.

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