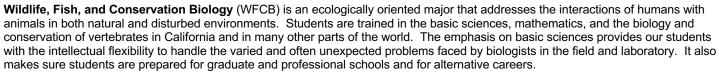
WFCB Bachelors of Science (BS) Requirements⁺





Preparatory Subject Matter Requirements (2020–2021)

5	(57.50.11.11.)	Quarter(s)					
Preparatory Subject Matter	(57-59 Units)	Offered***	Units	Completed	Notes		
Written Expression							
University Writing Program 1	Expository Writing	I, II, III, IV	4				
Oral Expression (Choose one of the following)							
Note: Of the below courses, only CMN 1 additionally satisfies the College Composition requirement.							
Communication 1	Introduction to Public Speaking	I, II, III, IV	4				
Communication 3	Interpersonal Communication	I, II, III	4				
	Competence						
Dramatic Art 10	Introduction to Acting	I, II, III	3				
Chemistry							
Chemistry 2A	General Chemistry	I, II, IV	5				
Chemistry 2B	General Chemistry	II, III, IV	5				
Chemistry 8A	Organic Chemistry	I, III, IV	2				
Chemistry 8B	Organic Chemistry	I, II, IV	4				
•	Organic Onemistry	1, 11, 1 v	7		-		
Biological Sciences							
BIS 2A	Introductory Biology	I, II, III, IV	5				
BIS 2B	Introductory Biology	I, II, III, IV	5				
BIS 2C	Introductory Biology	I, II, III, IV	5	-			
Mathematics							
Mathematics 16A	Short Calculus	I, II, III, IV	3				
Mathematics 16B	Short Calculus	I, II, III, IV	3				
Mathematics TOB	Short Calculus	1, 11, 111, 11	3				
Physics							
Physics 1A	Principles of Physics	I, II	3				
Physics 1B	Principles of Physics	II, III	3				
Statistics (Choose one of the following)							
	blied Statistics for Wildlife Research	II	4				
	blied Statistics for Bio Sciences	I, II, III, IV	4				
	blied Statistics in Ag Science	I, II, III, IV	4				
Train Goldrice 126 Applied Gladistics III Ag Goldrice 1 4							
Wildlife & Conservation (Choose one of the following)							
WFC 10	Wildlife Ecology and Conservation	I, III	4				
WFC 50	Natural History of CA Vertebrates	II	3				

⁺This checklist is for guidance purposes. Other courses may be listed in course catalog but are not shown here because they are offered irregularly. Last updated 11/8/19. I = fall quarter, II = winter quarter, III = spring quarter, IV = summer session

^{***}Course offerings are subject to change. Check with your adviser for the most updated listings.

Depth Subject Matter Requirements

NOTE: Students graduating with this major are required to attain at least a C average (2.0 GPA) in all courses taken at the university in Depth Subject Matter and Area of Specialization and pass all coursework. See requirements of the College in the UCD General Catalog.

Depth Subject N		Prerequisites	Qtr(s)	Units	Completed			
Ecology (Choose one of the following)								
ESP 100	General Ecology	BIS 2A-C; MAT 16A-B; STA 13 recommended	I, II, IV	4				
EVE 101	Introduction to Ecology	BIS 2A-C; MAT 16A-B (or equiv.)	I, II, III, IV	4	-			
Evolution								
EVE 100	Introduction to Evolution	BIS 2ABC, MAT 16AB or 17AB or 21AB, STA 100 recommended	I, II, III, IV	4				
Physiology								
WFC 130	Physiological Ecology	EVE 101 or ESP 100 or equivalent	II	4				
Animal Behavi	or (Choose one of the following)							
NPB 102	Animal Behavior	BIS 2A-C	II, III, IV	3				
WFC 141	Behavioral Ecology	EVE 101 or ESP 100 or equivalent	II	4				
Conservation I	Conservation Biology							
WFC 154	Conservation Biology	BIS 2B or equivalent	II	4				
Population Bio		·						
WFC 122 ^{††}	Population Dynamics and Estimation	MAT16A-B; STA13 or equiv; EVE 101, ESP 100, or equiv	III	4				
	•	·	111	4				
WFC 110	Pre (Choose 3 lecture courses and 2 laboratory cour Biology & Conservation of Wild Mammals	ses) BIS 2A-C; EVE 101 or ESP 100 or equivalent	III	3				
WFC 110L	Lab in Biology & Conservation of Wild Mammals	WFC 110 (may be concurrent); consent of instructor	III	3	-			
WFC 111	Biology & Conservation of Wild Birds	BIS 2A-C, upper division ecology recommended	 I	3				
WFC 111L	Lab in Biology & Conservation of Wild Birds	WFC 111 (may be concurrent); consent of instructor	i	3				
WFC 120	Biology & Conservation of Fishes	BIS 2ABC, upper division ecology recommended	I	3				
WFC 120L	Lab in Biology & Cons of Fishes	WFC 120 (may be concurrent)	1	2				
WFC 134	Herpetology	BIS 2ABC, upper division ecology recommended	II	3				
WFC 134L	Herpetology Laboratory	WFC 134 concurrently	II	3				
Research Meth	ods (Choose one of the following)							
WFC 100	Field Methods in Wildlife, Fish, & Cons. Bio	BIS 2ABC, EVE 101 or ESP 100	III	4				
WFC 101/L ^{even}	Field Research in Wildlife Ecology + Lab	Consent of instructor; ESP 100 or EVE 101; WFC 103 or STA 100	I	2/4				
		or PLS 120; WFC 110 or WFC 111 or WFC 134						
WFC 102/L ^{odd}	Field Research in Fish Ecology + Lab	Consent of instructor; ESP 100 or EVE 101; WFC 103 or STA 100	III	1/6				
or PLS 120; WFC 120; one aquatic biology course								
	(Strongly recommended, but not required)	DI C 21 or acceptable to the consent of instructor		4				
ABT/LDA 150	Geographic Info Systems	PLS 21 or equivalent with consent of instructor	ı	4				
Anatomy (Strongly recommended, but not required)								
APC 100 Comparative Organology of Vertebrates BIS 2A-B		BIS 2A-B	II	4				
Statistics (Strongly recommended, but not required)								
STA 104 odd	Nonparametric Statistics	STA 13, 32, or 100	II	4				
STA 106	Analysis of Variance	STA 13, 32, or 100	I, II, IV	4				
STA 108	Regression Analysis	STA 13, 32, or 100	I, II, III, IV	4				

I = fall quarter, II = winter quarter, III = spring quarter, IV = summer session odd Course is offered in odd years only (2017, 2019, etc.) even Course is offered in even years only (2018, 2020, etc.)

^{*} Complete a major modification petition to use this course until its addition is formally recognized by campus.

^{***}Course offerings are subject to change. Check with your adviser for the most updated listings.

^{††}Future availability or timing unknown



Wildlife and Conservation Biology

Required Courses		Prerequisites	Qtr(s)	Units	Completed			
Complete Wildlife Ecology								
WFC 151	Wildlife Ecology	BIS 2A-B	I	4				
Choose one P	lants course							
Note: Students interested in certification as a Wildlife Biologist from The Wildlife Society need 13.5 units in botany.								
PLS/PLB 102	California Floristics	PLS 2 or BIS 2C or equivalent	III	5				
PLS 131 odd	Identification and Ecology of Grasses	BIS 2C, PLB 102 recommended, must be available in	III	2				
	5,	summer for field work						
PLS 144	Trees and Forests	PLS 2 or BIS 2C or equivalent	1	4				
PLS 147/L	California Plant Communities + Lab	PLS 2 or BIS 2C or equivalent	III	3/1				
PLS 178 odd		'						
PLS 176	Biology & Management of Aquatic Plants	PLS 2 or BIS 2C; CHE 8B or 118B BIS 2A-C	! !!!	3				
PLB 100 PLB/EVE 117	Systematics & Evolution of Angiosperms Plant Ecology	BIS 2A-C: PLB 111 recommended	III	5				
PLB/EVE 117 PLB 119	Population Biology of Weeds	BIS 2ABC, introductory STA course recommended	' III	3				
			III	3				
PLB 148	Introductory Mycology	BIS 2A-C		4				
Choose two W	/ildlife courses							
Note: A course cannot be used to simultaneously satisfy a depth and area of specialization requirement.								
WFC 110	Biology & Conservation of Wild Mammals	BIS 2A-C; EVE 101 or ESP 100 or equivalent	III	3				
WFC 111	Biology & Conservation of Wild Birds	BIS 2A-C, upper division ecology recommended	I	3				
WFC 120	Biology & Conservation of Fishes	BIS 2A-C, upper division ecology recommended	I	3				
WFC 124	Sampling Animal Populations	ESP 100 or EVE 101; WFC 103 or STA 100 or PLS 120	III	4	·			
WFC 125 even	Tropical Ecology and Conservation	ESP 100 or EVE 101 or equivalent	1	4				
WFC 134	Herpetology	BIS 2A-C, upper division ecology recommended	II	3				
WFC 136 even	Ecology of Waterfowl & Game Birds	WFC 111, 111L, or equivalent, or consent of instructor	II	3				
WFC 137* even	Applied Fisheries Conservation	WFC 120/L or WFC 110/L or WFC 111/L or WFC 134/L	III ''	3				
WFC 152 ^{odd} WFC 168	Ecology of Human-Wildlife Conflicts	BIS 002B; Or equivalent	II II	3				
WFC 100	Climate Change Ecology	BIS 2B or equivalent	II .	4				

I = fall quarter, II = winter quarter, III = spring quarter, IV = summer session

odd Course is offered in odd years only (2017, 2019, etc.)

even Course is offered in even years only (2018, 2020, etc.)

* Complete a major modification petition to use this course until its addition is formally recognized by campus.

****Course offerings are subject to change. Check with your adviser for the most updated listings.

^{††}Future availability or timing unknown