Academic Year 2020-21 **Bachelor of Science in Biological Sciences Concentration: Ecology**

SBL3UG

Student Name and ID Number Estimated Graduation Date

Major Requirements: 48 - 49 Credits		
Course Number	Credits	Course Status Code
		M, R, P, WVD, SUB*
Biology Requirements: 14 Cre	edits	
BL 1100 and	3	
BL 1110	1	
BL 1200 and	3	
BL 1210	1	
BL 2200 and	3	
BL 2210	1	
BL 3782	2	
Chemistry Requirements: 17	Credits	
CH 1150 and	3	
CH 1151	1	
CH 1160 and	3	
CH 1161	1	
CH 2410 and	3	
CH 2411	1	
CH 2420 and	3	
CH 2421	2	
Mathematics Requirements:	7 Credits	
MA 1135	4	
MA 3715	3	
Physics Requirements: 8 Cred	lits	
PH 1110 and	3	
PH 1111	1	
PH 1210 and	3	
PH 1200	1	
Biology Capstone Requiremen	nt: 2-3 Cred	lits
Select either Biology Capstone option. Research credits in Biology (BL		
4000/4001) may be taken individually and require arrangement with		
the instructor. Additional research credits beyond the capstone requirement count as free elective credits.		
BL 4510	2	
BL 4000 or BL 4001	2	
and BL 4530	1	
Credit Subtotal		
Ciedit Subtotal	<u> </u>	

Course Number Credits Course Status Code M, R, P, WVD, SUB* BL 1580 1 1 BL 3012 or BL 3020 3	Concentration Requirements: 29 - 31 Credits		
BL 1580 1 1	Course Number	Credits	
BL 3012 or BL 3020 BL 3190 BL 3400 BL 3410 BL 3310 BL 4020 BL 33 BL 4020 BL 33 BL 4070 BL 4090 BL 4120 BL 4141 BL 4421 BL 4441 BL 4441 BL 4447 BL 4440 BL 4447 BL 4450 BL 4465 BL 4466 BL 4466 BL 4466 BL 4467 BL 4460 BL 4466 BL 4460 BL 4467 BL 4460			M, R, P, WVD, SUB*
BL 3020 BL 3190 BL 3190 BL 3400 BL 3400 BL 3400 BL 3400 Select 2 of the following courses: BL 2160 BL 2170 BL 3310 BL 3310 BL 3310 Select at least 12 approved elective credits from the lists below. Courses may not count in more than one section. Biology Approved Electives BL 3012 or BL 3012 or BL 3012 or BL 3010 BL 4070 BL 4090 BL 4400 BL 4411 BL 4421 BL 4447 BL 4440 BL 4447 BL 4440 BL 4447 BL 4450 BL 4465 BL 4465 BL 4465 BL 4465 BL 4465 BL 4465 BL 5451 BL 4460 FW 3200 FW 3540 FW 3540 FW 3610 FW 4220 FW 4240 FW 4240 FW 4260 F		1	
BL 3190		3	
BL 3400	BL 3020		
Select 2 of the following courses: BL 2160 4 BL 2170 4 BL 3310 3 Select at least 12 approved elective credits from the lists below. Courses may not count in more than one section. Biology Approved Electives BL 3012 or 3 BL 3020 3 BL 4020 3 BL 4070 3 BL 4120 3 BL 4141 3 BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4461 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4260 3 FW 4610 3	BL 3190	3	
BL 2160	BL 3400	4	
BL 2170	Select 2 of the following cours	es:	
BL 3310 3 Select at least 12 approved elective credits from the lists below. Courses may not count in more than one section. Biology Approved Electives BL 3020 3 SEL 3310 3 SEL 4020 3	BL 2160	4	
Select at least 12 approved elective credits from the lists below. Courses may not count in more than one section. Biology Approved Electives BL 3012 or 3 BL 3020 3 BL 4020 3 BL 4070 3 BL 4090 2 BL 4120 3 BL 4141 3 BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4461 3 BL 5451 3 FOrestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4260 3 FW 4610 3	BL 2170	4	
Biology Approved Electives	BL 3310	3	
Biology Approved Electives BL 3012 or BL 3020 BL 3310 BL 4020 BL 4070 BL 4090 BL 4120 BL 4120 BL 4141 BL 4421 BL 4447 BL 4447 BL 4450 BL 4465 BL 4465 BL 5451 Forestry Approved Electives FW 3020 FW 3540 FW 3610 FW 4240 FW 4260 FW 4260			
BL 3012 or BL 3020 BL 3310 BL 4020 BL 4070 BL 4090 BL 4120 BL 4121 BL 4421 BL 4440 BL 4447 BL 4450 BL 4465 BL 4465 BL 5451 Forestry Approved Electives FW 3020 FW 3540 FW 4220 FW 4240 FW 4260 FW 4260 FW 4260 S S S S S S S S S S S S S	Courses may not count in more	e than one	section.
BL 3020 BL 3310 BL 4020 3 BL 4070 3 BL 4090 2 BL 4120 3 BL 4141 3 BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 5W 3540 5W 4220 5W 4260 5W 4260 5W 4610 5W 4610 5W 4610 5W 4610 5W 4610 5W 4610 5W 5	Biology Approved Electives	s	
BL 3020 BL 3310 BL 4020 3 BL 4070 3 BL 4090 2 BL 4120 3 BL 4141 3 BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 FW 3540 FW 4220 FW 4240 FW 4260 FW 4260 FW 4260 FW 4260 FW 4610 3 BL 33 BL 33 BL 33 BL 34 BL 44 BL 4	BL 3012 or	3	
BL 4020 3 BL 4070 3 BL 4090 2 BL 4120 3 BL 4141 3 BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4260 3 FW 4610 3	BL 3020		
BL 4070 3 BL 4090 2 BL 4120 3 BL 4141 3 BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 5 FW 4260 3 FW 4260 3 FW 4610 3	BL 3310	3	
BL 4090 2 BL 4120 3 BL 4141 3 BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4461 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 5 FW 4610 3	BL 4020	3	
BL 4120 3 BL 4141 3 BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4461 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 5 FW 4260 5 FW 4610 3	BL 4070	3	
BL 4141 3 BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4461 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	BL 4090	2	
BL 4421 3 BL 4440 4 BL 4447 3 BL 4450 3 BL 4461 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	BL 4120	3	
BL 4440 4 BL 4447 3 BL 4447 3 BL 4450 3 BL 4461 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 FW 4260 3 FW 4260 5 FW 4610 3 FW 4610	BL 4141	3	
BL 4447 3 BL 4450 3 BL 4461 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	BL 4421	3	
BL 4450 3 BL 4461 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	BL 4440	4	
BL 4461 3 BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	BL 4447	3	
BL 4465 3 BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4220 4 FW 4260 3 FW 4260 3 FW 4610 3	BL 4450	3	
BL 5451 3 Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	BL 4461	3	
Forestry Approved Electives FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	BL 4465	3	
FW 3020 3 FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	BL 5451	3	
FW 3540 4 FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	Forestry Approved Elective	es	
FW 3610 4 FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	FW 3020	3	
FW 4220 4 FW 4240 4 FW 4260 3 FW 4610 3	FW 3540	4	
FW 4240 4 FW 4260 3 FW 4610 3	FW 3610	4	
FW 4260 3 FW 4610 3	FW 4220	4	
FW 4610 3	FW 4240	4	
-	FW 4260	3	
Credit Subtotal	FW 4610	3	
	Credit Subtotal		

General Education Requirements: 24 Credits		
Course Number	Credits	Course Status Code
	Credits	M. R. P. WVD. SUB*

Courses used to complete General Education may not be used to complete other degree requirements.

Core	Core: 12 Credits		
UN 1015	3		
UN 1025 or upper level modern language	3		
Critical and Creative Thinking	3		
Social Responsibility and Ethical Reasoning	3		
HASS: 12 Credits			
✓ Students must complete 12 cr	edits of HASS	S course work	
✓ Six of the 12 credits must be at the 3000- or 4000- level*			
✓ At least three credits each in the following: Communication/Comp,			
Humanities and Fine Arts, and Social & Behavioral Sciences.			
✓ No more than three credits may come from the Restricted List			
Communication/ Composition	minimum 3		
Humanities and Fine Arts	minimum 3		
Social and Behavioral Sciences	minimum 3		
Course from any list above or	0-3		

^{*}an upper division language course in place of UN1025 does not meet this requirement.

Restricted List

0-3

Co-Curricular Activities: 3 Credits		
Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.		

Free Electives: 16 - 19 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Credit Subtotal		

^{*}M-Passed with valid grade, transfer, or Advance Placement credit; Registered in course; Plan to take in future, WVD-Waived course or credit (does not reduce total degree credits required), SUB-Petitioned as substitute course.

Advisor Use Only		
Total Credits Required	120	
Total Credits Completed		
Total Credits Needed		