

Student Name and ID Number Estimated Graduation Date

BL 3300	Major Requirements: 76 - 77 Credits			
BL 1100 and BL 1110	Course Number	Credits		
BL 1200 and BL 1210 BL 1580 1 BL 2200 and BL 2210 3/1 BL 2700 3 BL 3020 3 BL 3300 3 BL 3782 2 BL 4030 3 BL 4840 3 Chemistry Requirements (11 Credits) CH 1150 and CH 1151 3/1 CH 1160 and CH 1161 3/1 CH 2410 3 Computer Science Requirements (18 Credits) CS 1121 3 CS 1122 3 CS 2311 3 CS 2321 3 CS 3425 3 CS 4321 3 Mathematics Requirements (17 - 18 Credits) MA 2160 MA 2330 MA 3715 3 3/1 A/5 MA 3715 3/1 A/1 A/2 A/2 A/2 A/2 A/3 A/4 A/5 MA 2330 MA 3715 3 A/1 A/1 A/1 A/2 A/2 A/2 A/2 A/2	Biology Requirements (30 Cre	edits)		
BL 1580	BL 1100 and BL 1110	3/1		
BL 2200 and BL 2210 3/1 BL 2700 3 BL 3700 3 BL 3300 3 BL 3782 2 BL 4030 3 BL 4840 3 Chemistry Requirements (11 Credits) CH 1150 and CH 1151 3/1 CH 1160 and CH 1161 3/1 CH 2410 3 Computer Science Requirements (18 Credits) CS 1121 3 CS 1122 3 CS 2311 3 CS 2321 3 CS 2321 3 CS 3425 3 CS 4321 3 Mathematics Requirements (17 - 18 Credits) MA 2160 4 MA 2330 3 MA 3715 3	BL 1200 and BL 1210	3/1		
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Chemistry Requirements (11 Credits) CH 1150 and CH 1151	BL 4030	3		
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Mathematics Requirements (17 - 18 Credits) MA 1160/1161 4/5 MA 2160 4 MA 2330 3 MA 3715 3	CS 3425	3		
MA 1160/1161 4/5 MA 2160 4 MA 2330 3 MA 3715 3	CS 4321	3		
MA 2160 4 MA 2330 3 MA 3715 3	Mathematics Requirements (17 - 18 Credits)			
MA 2330 3 MA 3715 3	MA 1160/1161	4/5		
MA 3715 3	MA 2160	4		
	MA 2330	3		
MA 3740 3	MA 3715	3		
	MA 3740	3		

Biology Capstone Requirement (2-3 Credits)		
Biology Capstone Requirement (2-3 Credits)		
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 and	2	
BL 4530	1	

Course Number Credits Course Status Code M, R, P, WVD, SUB*			Estimated Graduation Date	
Bioinformatics Elective (3 Credits)	Major Electives: 9 - 11 Credits			
Bioinformatics Elective (3 Credits) BL 4300	Course Number	Credits		
FW 4082 3 FW 4099 3 Approved Electives: Select at least 6 credits of approved electives from the lists below. Some courses may have additional prerequisite requirements. Biology Approved Electives BL 3310 7 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Bioinformatics Elective (3 Cre	dits)		
Section	BL 4300	3		
Approved Electives: Select at least 6 credits of approved electives from the lists below. Some courses may have additional prerequisite requirements. Biology Approved Electives BL 3210 or	FW 4082	3		
### State Properties Proper	FW 4099	3		
BL 3210 or BL 3310 BL 3320 BL 3820 BL 4020 BL 4370 BL 4370 BL 4370 BL 3510 BL	from the lists below. Some courequirements.			
BL 3310 3 BL 3820 2 BL 4020 3 BL 4370 3 Chemistry Approved Electives CH 3510 3 CH 5560 3 Computer Science Approved Electives CS 1142 3 CS 3141 3 CS 3311 3 CS 3331 3 CS 4811 3 CS 4821 3 CS 5821 3 CS 5821 3 CS 5841 3 MAthematics Approved Electives MA 3160 4 MA 3720 3 MA 4710 3 MA 4760 3 MA 4770 3 MA 4780 3 MA 4790 3 Physics Approved Electives PH 2100 3 Physics Approved Electives UN 3002 2			Т	
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BL 4020 3 BL 4370 3 Chemistry Approved Electives CH 3510 3 CH 5560 3 Computer Science Approved Electives CS 1142 3 CS 3141 3 CS 3311 3 CS 3331 3 CS 4811 3 CS 4821 3 CS 5821 3 CS 5821 3 CS 5821 3 CS 5841 3 MAthematics Approved Electives MA 3160 4 MA 3720 3 MA 4710 3 MA 4720 3 MA 4760 3 MA 4770 3 MA 4780 3 MA 4790 3 Physics Approved Electives PH 2100 3 University-Wide Approved Electives UN 3002 2	BL 3310	3		
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Chemistry Approved Electives CH 3510	BL 4020	3		
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Mathematics Approved Electives MA 3160	CS 5821	3		
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UN 3002 2		ectives	<u> </u>	
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General Education Requirements: 24 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*

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

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		
HAS	S: 12 Cred	dits	
✓ Students must complete 12 cr	edits of HASS	course work	
✓ Six of the 12 credits must be a	✓ 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 ma	✓ 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 Restricted List	0-3		

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

Co-Curricula	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: 5 - 9 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*

^{*}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	