## Academic Year 2018-19 **Bachelor of Science in Biochemistry and Molecular Biology Biology Focus SMBBUG**

Student Name and ID Number **Estimated Graduation Date** 

Major Requirements: 67 - 68 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
<b>Biology Requirements: 26</b>	Credits	
BL 1010	4	
BL 1020	4	
BL 2200	3	
BL 3210	4	
BL 3300	3	
BL 4030	3	
BL 4820	2	
BL 4840	3	
Chemistry Requirements: 25 Credits		
CH 1150 <b>and</b>	3	
CH 1151 <b>and</b>	1	
CH 1153	1	
CH 1160 <b>and</b>	3	
CH 1161 <b>and</b>	1	
CH 1163	1	
CH 2410 <b>and</b>	3	
CH 2411	1	
CH 2420 <b>and</b>	3	
CH 2421	2	
CH 3510	3	
CH 3540	3	
Mathematics Requiremen	ts: 8 - 9 Cr	edits
MA 1160 <b>OR</b> MA 1161	4/5	
MA 2160	4	
Physics Requirements: 8 Credits		
PH 1100	1	
PH 2100	3	
PH 1200	1	
PH 2200	3	
Credit Subtotal		

Concentration Rec	quiremen	ts: 29 - 31 Credits
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
BL 1580	1	
BL 2100	3	
BL 2210	1	
BL 2700	3	
BL 3012	3	
BL 3782	2	
BL 4010	3	
BL 4020	3	
MA 3715	3	
Biology Capstone Requirement	nt: 4 Credit	s
and require arrangement with credits beyond the capstone re credits.		
BL 4995 <b>and</b>	3	
BL 4530	1	
Biochemistry and Molecular I	Biology Elec	ctive:
Select one of the following ap	proved Biol	ogy electives:
BL 3190	3	
BL 3640	3	
BL 4038	3	
BL 4070	3	
BL 4140	3	
BL 4200	3	
BL 4370	3	
BL 4752	3	
BL 4800	5	
		l

**Credit Subtotal** 

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	
HASS: 12 Credits		
✓ Students must complete 12 cr	edits of HASS	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 Restricted List	0-3	

<sup>\*</sup>an upper division language course in place of UN1025 does not meet this requirement.

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

Free Electives: 5 - 8 credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Credit Subtotal		

<sup>\*</sup>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),

Advisor Use Only		
Total Credits Required	128	
Total Credits Completed		
Total Credits Needed		