Academic Year 2021-22 **Bachelor of Science in Biochemistry and Molecular Biology Biology Focus SMBBUG**

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

| Major Requirements: 63 - 65 Credits | | |
|-------------------------------------|--------------|--|
| Course Number | Credits | Course Status Code M, R, P, WVD, SUB* |
| Biology Requirements: 24 | - 25 Credit | |
| BL 1100 and | 3 | |
| BL 1110 | 1 | |
| BL 1200 and | 3 | |
| BL 1210 | 1 | |
| BL 2200 and | 3 | |
| BL 2210 | 1 | |
| BL 3210 or | 4 | |
| BL 3310 | 3 | |
| BL 3300 | 3 | |
| BL 4030 | 3 | |
| BL 4840 | 3 | |
| Chemistry Requirements: | 23 Credits | |
| CH 1150 and | 3 | |
| CH 1151 | 1 | |
| CH 1160 | 3 | |
| CH 1161 and | 1 | |
| CH 2430 and | 3 | |
| CH 2411 | 1 | |
| CH 2440 and | 3 | |
| CH 2421 | 2 | |
| CH 3510 | 3 | |
| CH 3540 | 3 | |
| Mathematics Requiremen | ts: 8 - 9 Cr | edits |
| MA 1160 OR MA 1161 | 4/5 | |
| MA 2160 | 4 | |
| Physics Requirements: 8 C | redits | |
| PH 1100 and | 1 | |
| PH 2100 | 3 | |
| PH 1200 and | 1 | |
| PH 2200 | 3 | |
| Credit Subtotal | | |

| Concentration Requirements: 27 - 29 Credits | | |
|--|--------------|--|
| Course Number | Credits | Course Status Code M, R, P, WVD, SUB* |
| Concentration Courses: 20 Cr | edits | |
| BL 1580 | 1 | |
| BL 2700 | 3 | |
| BL 3012 | 3 | |
| BL 3030 | 3 | |
| BL 3782 | 2 | |
| BL 3820 | 2 | |
| BL 4020 | 3 | |
| MA 3715 | 3 | |
| Research credits in Biochemis and require arrangement with credits beyond the capstone r credits. | h the instru | ctor. Additional research |
| BL 4995 and | 3 | |
| BL 4530 | 1 | |
| Biochemistry and Molecul | ar Biology | Elective: 3 - 5 Credits |
| Select one of the following ap | proved Biol | ogy electives: |
| BL3220, 3490, 3640, 4035, 40 4145, 4200, 4300, 4370, 4410 | | |
| | | |
| | | |
| 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),

| General Education Requirements: 24 Credits | | |
|--|--------------------------|--------------------|
| Course Number | Credits Course Status Co | 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: 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 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 | |

^{*}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. | | |
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| | | |

Date

Student Signature

| Free Electives: 2 - 6 credits | | |
|-------------------------------|---------|--|
| Course Number | Credits | Course Status Code M, R, P, WVD, SUB* |
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| | | |
| Credit Subtotal | | |

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

Departmental Approval Date