| Major Requirements: 78-80 Credits |  |  |
| :---: | :---: | :---: |
| Course Number | Credits | Course Status Code M, R, P, WVD, SUB* |
| Biology Requirements: 25 Credits |  |  |
| BL 1040 | 4 |  |
| BL 1580 | 1 |  |
| BL 2100 | 3 |  |
| BL 2200 | 3 |  |
| BL 2700 | 3 |  |
| BL 3300 | 3 |  |
| BL 4030 | 3 |  |
| BL 3782 | 2 |  |
| BL 4840 | 3 |  |
| Biology Capstone Requirement: 2-3 Credits <br> 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 |  |
| $\begin{aligned} & \text { BL } 4000 \text { or BL } 4001 \text { and } \\ & \text { BL } 4530 \end{aligned}$ | $2$ |  |
| Chemistry Requirements: 10 Credits |  |  |
| CH 1150 and CH 1151 and CH 1153 | $\begin{aligned} & 3 \\ & 1 \\ & 1 \\ & \hline \end{aligned}$ |  |
| CH 1160 and CH 1161 and CH 1163 | $\begin{aligned} & 3 \\ & 1 \\ & 1 \\ & \hline \end{aligned}$ |  |
| 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 1160/1161 | 4/5 |  |
| MA 2160 | 4 |  |
| MA 2330 | 3 |  |
| MA 3715 | 3 |  |
| MA 3740 | 3 |  |
| Forestry Requirements: 6 Credits |  |  |
| FW 4082 | 3 |  |
| FW 4099 | 3 |  |
| Credit Sub |  |  |


| Major Electives: 19-22 Credits |  |  |
| :---: | :---: | :---: |
| Course Number | Credits | Course Status Code M, R, P, WVD, SUB* |
| Select at least 19 credits of approved electives from the lists below. Some courses may have additional prerequisite requirements. |  |  |
| Biology Approved Electives |  |  |
| BL 3210 | 4 |  |
| BL 4010 | 3 |  |
| BL 4020 | 3 |  |
| BL 4370 | 3 |  |
| BL 4820 | 2 |  |
| Chemistry Approved Electives |  |  |
| CH 2410 | 3 |  |
| CH 3510 | 2 |  |
| 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 5811 | 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 |  |
| UN 5390 | 3 |  |
| Credit Subtotal |  |  |

General Education Requirements: 24 Credits

| Course Number | Credits | Course Status Code <br> 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 <br> modern language | 3 |  |
| Critical and Creative Thinking | 3 |  |
| Social Responsibility and <br> Ethical Reasoning | 3 |  |
| HASS: 12 Credits |  |  |
| $\checkmark$ <br> Students must complete 12 credits of HASS course work <br> $\checkmark$ <br> Six of the 12 credits must be at the 3000- or 4000- level* |  |  |
| $\checkmark$At least three credits each in the following: Communication/Comp, |  |  |
| Humanities and Fine Arts, and Social \& Behavioral Sciences. <br> $\checkmark$ No more than three credits may come from the Restricted List |  |  |
| Communication/ <br> Composition | minimum <br> 3 |  |
| Humanities and Fine Arts | minimum <br> 3 |  |
| Social and Behavioral <br> Sciences | minimum <br> 3 |  |
| Course from any list above or <br> 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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| :--- | :--- | :--- |
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Free Electives: 2-7 Credits

| Course Number | Credits | Course Status Code <br> 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 | 128 |
| Total Credits Completed |  |
| Total Credits Needed |  |

