

Major Program: Biological Sciences
 Concentration: Secondary Education
 Program Code: SBL7UG

Name: _____
 ID#: _____
 Expected Graduation Term: _____

**Major Requirements
(SBL7MAJR)**

| Course Number | Credits (53-59) | Course Status Code M, R, P, WVD, SUB* |
|---|--------------------|--|
| BL 1010 | 4 | |
| BL 1020 | 4 | |
| BL 2100 | 3 | |
| BL 2200 | 3 | |
| BL 3190 | 3 | |
| BL 3400 | 4 | |
| BL 4510/ 4000/4001 | 2 / 3 | |
| CH 1150 | 3 | |
| CH 1151 | 1 | |
| CH 1153 | 1 | |
| CH 1160 | 3 | |
| CH 1161 | 1 | |
| CH 2410 | 3 | |
| CH 2411 | 1 | |
| CH 2420 | 3 | |
| CH 2421 | 2 | |
| MA 1135 OR (MA 1161 and MA2160) | 4 / 9 | |
| PH 1110 & PH 1111 & PH 1210 & PH 1200 OR | 3 1 3 1 | |
| PH 2100 & PH 1100 & PH 2200 & PH 1200 | 3 1 3 1 | |
| Credits Subtotal | | |

**Concentration Requirements
(SBL7CON)**

| Course Number | Credits (50-53) | Course Status Code M, R, P, WVD, SUB* |
|--|--------------------|--|
| BL 1580 | 1 | |
| BL 2160 | 4 | |
| BL 2170 | 4 | |
| BL 4470 | 4 | |
| Choose 1 of the following: (BL2010 and BL2011) OR BL4140 OR BL4370 | | |
| | 3/4 | |
| Biological Sciences Electives: 1- 3 credits | | |
| Education Requirements: 33 credits | | |
| ED 3100 | 2 | |
| ED 3110 | 3 | |
| ED 3210 | 2 | |
| ED 3410 | 1 | |
| ED/HU 4150 | 4 | |
| ED 4700 | 3 | |
| ED 4710 | 3 | |
| ED 4910 | 12 | |
| PSY 2000 | 3 | |
| Credits Subtotal | | |

Note: For Michigan Teaching Certification, you must also complete a secondary teacher certification minor. Additional credits depend on the minor chosen. In addition, you must be certified in First Aid and CPR for child and adult, either by completing EH 3985 or Red Cross or American Heart Association training. Consult Michigan Tech's Department of Cognitive and Learning Sciences for appropriate course selection.

* **M**-Passed with valid grade, transfer, or Adv. Placement credit; **R**egistered in course; **P**lan to take in future, **WVD**-Waived course or credit (does not reduce total degree credits required), **SUB**-Petitioned as substitute course.

**General Education Requirements
(SBL7GENED)**

| Course Number | Credits 28** | Course Status Code M, R, P, WVD, SUB* |
|--|-----------------|--|
| UN 1001 | 3 | |
| UN 1002*** | 4 | |
| UN 2001 | 3 | |
| UN 2002 | 3 | |
| HASS Distribution Courses: 15 total credits required. Six credits must be at the 3000- or 4000-level. | | |
| <ul style="list-style-type: none"> ■ No more than 3 credits from the HASS Creative Endeavors List may be used to satisfy the HASS Distribution List requirements. ■ No more than 3 credits from the HASS Supplemental List may be used to satisfy the HASS Distribution List requirements. | | |
| PSY 2000 | 3 | Credits counted in concentration |
| ED 3110 | 3 | Credits counted in concentration |
| | | |
| | | |
| | | |
| Credits Subtotal | | |
| <p>*** Two semesters of a single modern language (6 cr) in addition to UN1003 World Cultures Activities (1 cr) can substitute for UN1002 + 3 credits of distribution course requirements.</p> | | |

**Free Electives
(SBL7FREE)**

| Course Number | Credits Variable | Course Status Code M, R, P, WVD, SUB* |
|--|---------------------|--|
| Free elective credits are usually fulfilled by the required Secondary Teaching Certification Minor credits. The amount will vary depending on the minor selected and the minor credits being used in other areas of this degree audit. | | |
| Selected Minor: _____ | | |
| (You must complete a Teaching Certification Minor Audit form available through the Department of Cognitive and Learning Sciences.) | | |
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| | | |
| | | |
| | | |
| Credits Subtotal | | |

| Co-Curricular Activities | | |
|---|----|--|
| | .5 | |
| | .5 | |
| | .5 | |
| | .5 | |
| | .5 | |
| | .5 | |
| Required for graduation, but are not included in the calculation of the GPA, or in the overall credits required for the degree. | | |

| For Advisor Use Only | |
|---|------------|
| Total Credits Required: Total credits for this degree will vary based on the state teaching certification minor selected. Minimum credits required is 125. | 125 |
| | |
| Total Credits Completed: | |
| Total Credits Needed: | |

Dept. of Cognitive and Learning Sciences Approval _____ Date _____

Student Signature _____ Date _____

Departmental Approval _____ Date _____