AUGSBURG UNIVERSITY

# Biology (B.A.)

2017-2018 catalog

**Student Name:** _____ **ID Number:** _____

## Major Requirements

*Must earn a minimum grade of D and average grade of C- in BIO151 & BIO152. All other classes must be completed with a C- grade or better.*

| Term Completed/Planned | Grade | Credit | Course # | Title |
|---|---|---|---|---|
| | | 4 | BIO151 | Introductory Biology (NSM-L) |
| | | 4 | BIO152 | Evolution, Ecology, and Diversity (NSM-L) |
| | | 4 | BIO253 | Introductory Cellular Biology |
| | | 4 | BIO255 | Genetics |

Complete **five (5)** upper division Biology electives, including at least one of BIO361, BIO440, or BIO481. Students may take two different BIO485 course in place of one upper division elective:

| | | | | |
|---|---|---|---|---|
| | | 4 | BIO351 | Invertebrate Zoology |
| | | 4 | BIO353 | Comparative Vertebrate Anatomy |
| | | 4 | BIO361 | Plant Biology |
| | | 4 | BIO369 | Biochemistry |
| | | 4 | BIO440 | Plant Physiology |
| | | 4 | BIO471 | Advanced Cellular and Molecular Biology |
| | | 4 | BIO473 | Animal Physiology |
| | | 4 | BIO474 | Developmental Biology |
| | | 4 | BIO475 | Neurobiology |
| | | 4 | BIO476 | Microbiology |
| | | 4 | BIO481 | Ecology |
| | | 4 total | BIO485 | Advanced Topics in Biology (*must be take twice to count*) |
| | | 4 | BIO486 | Immunology |
| | | 4 | BIO495 | Special Topics in Biology |
| | | 4 | PHY317 | Biophysics |

Complete **one (1)** Keystone class (Keystone classes from other majors may be substituted with department approval)

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|---|---|---|---|---|
| | | 2 | BIO490 | Biology Keystone (KC) |
| | | 2 | SCI490 | Integrated Science (KC) |
| | | 4 | HON490 | Honors Senior Seminar (KC) |

**Supporting Courses**

| | | | |
|---|---|---|---|
| | | 5 | CHM115 & CHM115L: General Chemistry I (NSM-L) |
| | | 5 | CHM116 & CHM116L: General Chemistry II (NSM-L) |

Complete either PHY116 or both PHY107 and PHY108 or both PHY121 and PHY122

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Complete **one (1)** math/statistics course, chosen from MAT114, MAT145, MAT163, MAT164, or PSY215

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Complete the ETS major field test

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Complete **one (1)** Speaking skill class, normally chosen from COM115 (HUM), COM111 (HUM), and HON130 (HUM)

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Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

Student Signature _____ Date _____ Advisor Signature _____ Date _____

Student and advisor signature are required for submission with the Intent to Graduate form.