

FALL 2021

| Course | Cr | Title | ✓ |
|-----------|-----|--|---|
| BIO 123 | 4 | Foundations in Biology | |
| CHE 111 | 4 | Chemical Principles | |
| HLT 101 | 1 | Introduction to the Health Professions | |
| _____ | 3 | Mathematics and Logic LAC course | |
| FYS _____ | 3 | First Year Seminar | |
| CCC 101 | 0.5 | College Life | |

SPRING 2022

| Course | Cr | Title | ✓ |
|---------|-----|--|---|
| BIO 124 | 4 | Principles of Cell and Molecular Biology | |
| CHE 112 | 4 | Chemical Equilibrium and Analysis | |
| PSY 100 | 3 | Introduction to Psychology | |
| WRI 100 | 3 | College Writing | |
| CCC 102 | 0.5 | Exploring Your Future | |

FALL 2022

| Course | Cr | Title | ✓ |
|----------|---------------|--|---|
| BIO 239 | 4 | Animal Ecology, Development, and Evolution | |
| CHE ____ | 3 <i>or</i> 4 | CHE 203 Survey of Organic Chemistry <i>or</i> CHE 205 Organic Chemistry I* | |
| PSY 210 | 3 | Lifespan Development | |
| _____ | 3 | Humanities LAC course | |

SPRING 2023

| Course | Cr | Title | ✓ |
|---------|---------------|---|---|
| BIO 231 | 4 | Genetics | |
| _____ | 4 <i>or</i> 3 | CHE 206 Organic Chemistry II* <i>or</i> elective*** | |
| ETL 235 | 3 | Ethical Life | |
| CCC 20X | 3 | Sophomore Expedition | |

FALL 2023

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|---------|---------------|---|---|
| CHE 307 | 4 <i>or</i> 3 | ^CHE 307 Biochemistry I <i>or</i> elective*** | |
| _____ | 3-4 | ^Statistics course (if not yet taken) <i>or</i> elective*** | |
| BIO 350 | 2 | Junior Colloquium | |
| _____ | 3 | elective*** | |
| _____ | 3 | Arts LAC course | |

SPRING 2024

| Course | Cr | Title | ✓ |
|---------|-----|---|---|
| CHE 217 | 3 | ^CHE 217 Principles of Biochemistry <i>or</i> elective*** | |
| _____ | 3-4 | Genetics and Counseling Psychology elective** | |
| _____ | 3 | ^BIO 200 Introduction to Neuroscience <i>or</i> elective*** | |
| _____ | 3 | Humanities LAC course | |
| _____ | 3 | Arts LAC course | |

FALL 2024

| Course | Cr | Title | ✓ |
|---------|-----|--|---|
| BIO 356 | 3 | Science, Ethics, and Society | |
| _____ | 3 | ^PSY 215 Biological Psychology <i>or</i> elective*** | |
| _____ | 3 | elective*** | |
| _____ | 3 | elective*** | |
| _____ | 3-4 | Genetics and Counseling Psychology elective** | |

SPRING 2025

| Course | Cr | Title | ✓ |
|---------|----|-------------------------------|---|
| BIO 317 | 3 | Human and Biomedical Genetics | |
| _____ | 3 | elective*** | |
| _____ | 3 | elective*** | |
| _____ | 3 | elective*** | |
| _____ | 3 | elective*** | |

^Multiple options exist for this requirement. Options may require different prerequisites. Courses must be selected in advance, in consultation with an advisor, to ensure timely progression in the major.

* If CHE 205 is taken, CHE 206 must also be taken.

** Must complete a minimum of 6 credits with CHE 205/206, 7 credits with CHE 203 from the list of acceptable electives; most courses are 3 or 4 credits.

*** Electives must be included to ensure that the overall total number of credits reaches the 120 credits needed to complete a degree.

Liberal Arts Curriculum (LAC) and College-Wide Requirements

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|--|
| Natural Science (SCI): 7 cr. total, one must be a lab-based course |
| 1. BIO 123 |
| 2. CHE 111 |
| Arts (ART): 6 cr. total, one must be a 3 cr. course |
| 1. _____ |
| 2. _____ |
| Mathematics & Logic (ML): 6 cr. total, one must be a MAT course |
| 1. MAT 110 or 210; or BIO 248; or PSY 212 or 214 |
| 2. _____ |
| Ethics (ETH): 1 course, 3 cr. |
| 1. ETL 235 |
| Technology: |
| 1. BIO 239, 231, and 356 |
| Oral Presentation: |
| 1. BIO 124, 239, and 356 |

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| Writing (WRI1, WRI2): 2 courses, 6 cr. total |
| 1. WRI 100 |
| 2. BIO 356 |
| Humanities (HUM): 2 courses, 6 cr. total |
| 1. _____ |
| 2. _____ |
| Social Science (SS): 2 courses, 6 cr. total |
| 1. PSY 100 |
| 2. PSY 210 |
| Global Studies (GS): 1 course, 3 cr. |
| 1. CCC 201 |
| Information Literacy: |
| 1. BIO 239, 231, and 356 |