



FOUR-YEAR PROGRAM COMPLETION PLAN

Department of Biology

-- Domain General Education courses and open electives may be taken in any semester and in any order, except for Common Core Domain requirements, which must be taken during Year One.

--Refer to your Degree Audit for specific course requirements.

--Students in this concentration must also declare a minor in Secondary Education.

Recommended Schedule for Bachelor of Science: Major in Biology, Concentration in Secondary Education Teaching Program, Minor in Secondary Education (UBIT):

| Year One: Fall Semester | Year One: Spring Semester |
|---|--|
| BIOL 160 Introduction to Organismal Biology | BIOL 161 Introduction to Cellular and Molecular Biology |
| CHEM107 Principles of Chemistry | CHEM 108 Principles of Chemistry and Quantitative Analysis |
| MATH 123 College Algebra (if needed) | MATH 200 Precalculus |
| ENGL 110 Expository Writing | Domain General Education Course |

| Year Two: Fall Semester | Year Two: Spring Semester |
|--|---|
| CHEM 207 Organic Chemistry I | PSYC 200 Psychology of Development |
| BIOL 248 Principles of Ecology | BIOL 235 Principles of Human Physiology |
| BIOL 208 Genetics | EDUC 200 Education in American Society with Field Study I |
| BIOL 308 Reading and Analysis of Biological Literature | BIOL 308 Reading and Analysis of Biological Literature |
| Open Elective | Open Elective |

| Year Three: Fall Semester | Year Three: Spring Semester |
|---|--|
| MATH 208 Biostatistics OR ENVS 202 Data Analysis for Scientists | BIOL 260 Cell Biology |
| BIOL 318 Writing for the Biological Sciences | BIOL 318 Writing for the Biological Sciences |
| PHYS 201 Introductory Physics or PHSC 109 Introduction to Physical Science for MS Licensure | EDUC 222 Sheltered English Immersion |
| Biology Elective (Plant Course) | BIOL 402 Processes of Organic Evolution |
| Domain General Education Course | Domain General Education Course |

| Year Four: Fall Semester | Year Four: Spring Semester |
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| BIOL 460 Research Experience in Biology | EDUC 410 and EDUC 411 Student Teaching Practicum: High School OR |
| EDUC 300 Professional Preparation II: Special Needs and Education Technology | EDUC 414 and EDUC 415 Student Teaching Practicum: Middle School |
| EDUC 315 OR 316 Professional Prep and Field Study II (2 courses) | |
| Domain General Education Course | |

Domain General Education Checklist:

--Domain II-B is fulfilled through completion of the major.

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| Common Core: | ___ | A. ENGL 110 Expository Writing |
| | ___ | B. MATH XXX (credit-bearing) |
| Domain I: | | |
| | ___ | A. Creative Arts |
| | ___ | B. Humanities |
| | ___ | C. Language |
| Domain II: | ___ | A. Analysis, Modeling, Problem Solving |
| | <u> X </u> | B. Natural Sciences (two courses) |
| Domain III: | ___ | A. Perspectives on the Past |
| | ___ | B. Perspectives on Contemporary World |
| | ___ | C. Global Competency, Ethical Reasoning, Human Diversity |