



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 with Lab	BIOL 161 Introduction to Cellular & Molecular Biology with Lab
CHEM107 Principles of Chemistry with Lab	CHEM 108 Principles of Chemistry & Quantitative Analysis with Lab
MATH 123 College Algebra (if needed)	MATH 180 Precalculus
ENGL 110 Expository Writing	Domain General Education Course

Year Two: Fall Semester	Year Two: Spring Semester
CHEM 207 Organic Chemistry I with Lab	PSYC 200 Psychology of Development
BIOL 248 Principles of Ecology with Lab	BIOL 235 Principles of Human Physiology with Lab
BIOL 208 Genetics with Lab	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 261 Molecular Biology with Lab
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
BIOL 460 Research Experience in Biology	EDPS 425A Secondary Professional Practicum A: Science 8-12 (2 course-credits)
EDIL 302 Secondary Methods with Field Study II: Special Needs and Educational Technology	EDPS 425B Secondary Professional Practicum B: Science 8-12 (2 course-credits)
EDIL 325 Secondary Methods with Field Study II: Science 8-12	
Domain General Education Course	

Domain General Education Checklist:

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

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