



### 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.

#### Recommended Schedule for Bachelor of Science: Major in Biology, Concentration in Biotechnology (UBIO):

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
ENWR 110 Composition II	Domain General Education Course

Year Two: Fall Semester	Year Two: Spring Semester
CHEM 207 Organic Chemistry I with Lab	BIOL 262 Molecular Biology with Lab
STAT 208 Biostatistics or ENVS 202 Data Analysis for Scientists	STAT 208 Biostatistics or ENVS 202 Data Analysis for Scientists
Anatomy/Physiology Course or Biotechnology Elective	Anatomy/Physiology Course or Biotechnology Elective
BIOL 230 Professional Communication in Biology	Domain General Education Course

Year Three: Fall Semester	Year Three: Spring Semester
BIOL 208 Genetics with Lab	Anatomy/Physiology Course or Biotechnology Elective
Anatomy/Physiology Course or Biotechnology Elective	Biotechnology Elective
Domain General Education Course	Domain General Education Course
Open Elective	Open Elective

Year Four: Fall Semester	Year Four: Spring Semester
BIOL 402 Processes of Organic Evolution or BIOL 460 Research Experience in Biology	BIOL 402 Processes of Organic Evolution or BIOL 460 Research Experience in Biology
Biotechnology Elective	Biotechnology Elective
Domain General Education Course	Domain General Education Course
Open Elective	Open Elective

#### **Domain General Education Checklist:**

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

Common Core:	___	A. ENWR 110 Composition II
	___	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