



# BIOLOGY MAJOR

## Biotechnology Concentration

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**One (1) Course from Group A (see below)**

**Group A: Cellular and Molecular Biology Electives**

BIOL 218/218L	Introduction to Bioinformatics with Lab
BIOL 228/228L	Microbiology with Lab
BIOL 260/260L	Cellular Biology with Lab
BIOL 356	Biology of Cancer
BIOL 381	Theories of Infectious Diseases
BIOL 400	Trends in Biotechnology
BIOL 426	Human Immunity
BIOL 432	Vertebrate Development
CHEM 300/300L	Principles of Biochemistry with Lab
<u>or</u> CHEM 301/301L	Biochemistry I with Lab

**Choose Two (2) additional courses from the list below:**

Biology Courses	200-level or above
CHEM 208/208L	Organic Chemistry II with Lab
CHEM 332/332L	Biochemistry II with Lab
MATH 219	Calculus I

*Note: A student who selects CHEM 208/208L Organic Chemistry II with Lab, CHEM 301/301L Biochemistry I with Lab and CHEM 332/332L Biochemistry II with Lab may complete a Biochemistry minor in addition to the Biotechnology Concentration.*

*Note: If the student is enrolled in the PSM 4+1 program up to two (2) of the science graduate courses may be used toward this concentration in place of the additional courses*

**FREE ELECTIVES (1-5): May be used toward a minor or courses from the list below\***

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

\*For students who plan to pursue an advanced degree in Biology, the following courses are strongly recommended:

CHEM 300/300L	Principles of Biochemistry with Lab
MATH219	Calculus I
PHYS 201/201L	Physics for Earth and Life Scientists with Lab
<u>or</u> PHYS 211/211L	Physics I with Lab <b>AND</b>
PHYS 212/212L	Physics II with lab