BACHELOR OF SCIENCE (B.S.)

MAJOR: BIOLOGY

The Bachelor of Science in Biology is designed for students whose career goals generally involve professional education beyond the bachelor's degree. These careers include, but are not limited to, allopathic, osteopathic, dental, veterinary and podiatric medicine; pharmaceutics; physical therapy; occupational therapy; optometry; chiropractics; environmental science/health; as well as physician's assistant; and positions in research, education and industry.

MAJOR: BIOLOGY - DEGREE REQUIREMENTS

UNIVERSITY CORE CURRICULUM REQUIREMENTS		**39 CREDITS**
___ DBR 100	DIALOGUE OF BELIEF & REASON	3
___ DBR 200	DIALOGUE OF BELIEF & REASON	3
___ DBR 300	DIALOGUE OF BELIEF & REASON	3
___ DJC 100	DIALOGUE OF JUSTICE & CIVIC LIFE	3
___ DJC 200	DIALOGUE OF JUSTICE & CIVIC LIFE	3
___ DSS 100	DIALOGUE OF SELF & SOCIETY	3
___ DSS 200	DIALOGUE OF SELF & SOCIETY	3
___ DSS 300	DIALOGUE OF SELF & SOCIETY	3
___ DQR 100	QUANTITATIVE REASONING	3
___ DQR 200	QUANTITATIVE REASONING	3
___ DQR 400	QUANTITATIVE REASONING	3
___ JTERM 1	CITIZENSHIP PROJECT	2
___ JTERM 2	LANGUAGE AND CULTURE	2
___ JTERM 3	CAREER PREPARATION	2

*ALL DSL REQUIREMENTS WILL BE MET IN THE MAJOR FOR BIOLOGY STUDENTS

MAJOR REQUIREMENTS: BIOLOGY		**63 CREDITS**
___ HUM 420	CONTEMPORARY ETHICAL ISSUES (ALSO MEETS DBR 400 REQUIREMENT)	3
___ MAT 320	METHODS OF CALCULUS (ALSO MEETS DQR 300 REQUIREMENT)	4
___ POL 100	GEOPOLITICAL AFFAIRS	3
___ PSY 100	HUMAN BEHAVIOR	3
___ SCI 110	THE BIOLOGICAL WORLD AND LAB	4
___ SCI 111	BIOLOGICAL PATTERN AND PROCESS AND LAB	4
___ SCI 130	GENERAL CHEMISTRY I AND LAB	4
___ SCI 131	GENERAL CHEMISTRY II AND LAB	4
___ SCI 260	HUMAN ANATOMY AND PHYSIOLOGY I AND LAB	4
___ SCI 290	MENDENELIAN AND POPULATION GENETICS	4
___ SCI 325	MICROBIOLOGY AND LAB	4
___ SCI 350	PHYSICS I AND LAB (ALSO MEETS DQR 300 REQUIREMENT)	4
___ SCI 360	ECOLOGY AND LAB (ALSO MEETS DJC 300 REQUIREMENT)	4
___ SCI 390	ORGANIC CHEMISTRY I AND LAB	4
___ SCI 460	MOLECULAR BIOLOGY AND LAB (ALSO MEETS DJC 400 REQUIREMENT)	4
___ SCI 491	EVOLUTION (ALSO MEETS DSS 400 REQUIREMENT)	3
___ SOC 200	RESEARCH METHODS	3

FREE ELECTIVES	**18 CREDITS**
___ FREE ELECTIVE	12
___ UPPER LEVEL ELECTIVE (300+)	6

TOTAL CREDITS 120

BIOLOGY (B.S.)
3-YEAR PLAN

Year 1

FALL		SPRING	
Track A	Track B	Track A	Track B
DSS 100	DSS 100	DJC 100	DJC 100
DQR 100	DBR 100	DBR 100	DQR 100
SCI 110 & LAB	SCI 110 & LAB	SCI 111 & LAB	SCI 111 & LAB
SCI 130 & LAB	SCI 130 & LAB	SCI 131 & LAB	SCI 131 & LAB
POL 100	PSY 100	PSY 100	POL 100

J-Term 1

Citizenship Project

SUMMER: DJC 200, DQR 200, DSS 200

Year 2

FALL		SPRING	
Track A	Track B	Track A	Track B
DBR 200	Elective	Elective	DBR 200
DSS 300	SOC 200	SOC 200	DSS 300
SCI 260 & LAB	SCI 260 & LAB	SCI 290 & LAB	SCI 290 & LAB
SCI 350 & LAB	SCI 350 & LAB	SCI 360 & LAB	SCI 360 & LAB
MAT 320	MAT 320	Elective	Elective
Optional Elective	Optional Elective	Elective	Elective

J-Term 2

Language & Culture and Elective

Year 3

FALL		SPRING	
Track A	Track B	Track A	Track B
DBR 300	DBR 300	Upper Level Elective	Upper Level Elective
Optional Elective	DQR 400	DQR 400	Optional Elective
SCI 325 & LAB	SCI 325 & LAB	SCI 491	SCI 491
SCI 390 & LAB	SCI 390 & LAB	Optional Elective	Optional Elective
SCI 460 & LAB	SCI 460 & LAB	Optional Elective	Optional Elective
HUM 420	Upper Level Elective	Upper Level Elective	HUM 420

J-Term 3

Career Preparation

BIOLOGY (B.S.)
4-YEAR PLAN

Year 1

FALL		SPRING	
Track A	Track B	Track A	Track B
DSS 100	DSS 100	DJC 100	DJC 100
DQR 100	DBR 100	DBR 100	DQR 100
SCI 110 & LAB	SCI 110 & LAB	SCI 111 & LAB	SCI 111 & LAB
SCI 130 & LAB	SCI 130 & LAB	SCI 131 & LAB	SCI 131 & LAB
POL 100	PSY 100	PSY 100	POL 100

J-Term 1

Citizenship Project

Year 2

FALL		SPRING	
Track A	Track B	Track A	Track B
DSS 200	DJC 200	DJC 200	DSS 200
DBR 200	SOC 200	SOC 200	DBR 200
DQR 200	DQR 200	SCI 290 & LAB	SCI 290 & LAB
SCI 260 & LAB	SCI 260 & LAB	Elective	Elective
Elective	Elective	Elective	Elective

J-Term 2

Language & Culture

Year 3

FALL		SPRING	
Track A	Track B	Track A	Track B
DBR 300	DSS 300	DSS 300	DBR 300
SCI 350 & LAB	SCI 350 & LAB	SCI 360 & LAB	SCI 360 & LAB
SCI 325 & LAB	SCI 325 & LAB	Optional Elective	Optional Elective
MAT 320	MAT 320	Optional Elective	Optional Elective
Elective	Elective	Optional Elective	Optional Elective

J-Term 3

Career Preparation

Year 4

FALL		SPRING	
Track A	Track B	Track A	Track B
DQR 400	HUM 420	HUM 420	DQR 400
SCI 390 & LAB	SCI 390 & LAB	SCI 491	SCI 491
SCI 460 & LAB	SCI 460 & LAB	Optional Elective	Optional Elective
Upper Level Elective	Upper Level Elective	Upper Level Elective	Upper Level Elective
Optional Elective	Optional Elective	Optional Elective	Optional Elective

J-Term 4

Optional