

**BACHELOR OF
SCIENCE
BIOLOGY**
Pre-Veterinary Medicine Track

*College of
Science,
Engineering, &
Technology*

Student Name: _____

J-Number: _____

Advisor: _____



COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY

BIOLOGY

CONCENTRATION: PRE-VETERINARY MEDICINE TRACK

Entering Term: _____

Expected Graduation Date: _____

Pathway: _____

FRESHMAN YEAR FALL 1ST SEMESTER

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
BIO 111 & BIOL 111	General Biology I & Lab	4	DPR		
CHEM 141 & CHML 141	General Chemistry I & Lab	4	GEC		
MATH 103 or MATH 111	College Algebra	3	GEC		
ENG 103 or ENG 104	Composition I	3	GEC		
UNIV 100	University Success	2	UR		
TOTAL CREDIT HOURS		16	TERM GPA:		

FRESHMAN YEAR SPRING 2ND SEMESTER

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
BIO 112 & BIOL 112	General Biology II & Lab	4	DPR		
CHEM 142 & CHML 142	General Chemistry II & Lab	4	DPR		
MATH 112	Trigonometry	3	DPR		
ENG 105	Composition II	3	GEC		
	Pathway Option	3	PATH		
TOTAL CREDIT HOURS		17	TERM GPA:		

Comments:

SOPHOMORE YEAR FALL 1ST SEMESTER

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
BIO 200 & BIOL 200	Introduction to Cell Biology & Lab	4	DPR		
CHEM 241 & CHML 241	Organic Chemistry I & Lab	4	DPR		
MATH 241	Calculus I	3	DPR		
	Social & Behavioral Science Option	3	GEC		
	Pathway Option	3	PATH		
TOTAL CREDIT HOURS		17	TERM GPA:		

Comments:

SOPHOMORE YEAR SPRING 2ND SEMESTER

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
BIO 209 & BIOL 209	Principles of Genetics & Lab	4	DPR		
CHEM 242 & CHML 242	Organic Chemistry II & Lab	4	DPR		
UNIV 200	Civic Engagement	1	UR		
	Statistics Elective	3	DPE		
	Pathway Option	3	PATH		
TOTAL CREDIT HOURS		15	TERM GPA:		

Comments:

JUNIOR YEAR FALL 1ST SEMESTER

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
BIO 234 & BIOL 234	Human Anatomy and Physiology I & Lab	4	DPR		
PHY 201 & PHY 201	Basic Physics I & Lab	4	GEC		
BIO 313 & BIOL 313	Introduction to Microbiology & Lab	4	DPR		
BIO 395 & BIOL 395 or CHEM 431 & CHML 431	Principles of Biochemistry & Lab or Biochemistry I & Lab	4	DPR		
TOTAL CREDIT HOURS		16	TERM GPA:		
Comments:					

JUNIOR YEAR SPRING 2ND SEMESTER

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
BIO 235 & BIOL 235	Human Anatomy and Physiology II & Lab	4	DPR		
PHY 202 & PHY 202	Basic Physics II & Lab	4	DPR		
BIO 335	Introduction to Animal Science	3	DPR		
	Humanities & Fine Arts Option	3	GEC		
	Humanities & Fine Arts Option	3	GEC		
TOTAL CREDIT HOURS		17	TERM GPA:		
Comments:					

SENIOR YEAR FALL 1ST SEMESTER

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
BIO 390	Seminar in Biology	1	DPR		
BIO 114	Intro to Marine Science	3	DPR		
	Social & Behavioral Science Option	3	GEC		
	Biology Electives	5	DPE		
TOTAL CREDIT HOURS		12	TERM GPA:		
Comments:					

SENIOR YEAR SPRING 2ND SEMESTER

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	GRADE	SUCCESS MARKER/NOTE
BIO 435	Animal Nutrition	3	DPR		
	Humanities & Fine Arts Option	3	GEC		
	Biology Elective (300-400 Level)	8	DPE		
TOTAL CREDIT HOURS		14	TERM GPA:		
Comments:					

On-line Graduation Clearance (TO BE COMPLETED DURING THE GRADUATING SEMESTER ONLY)

TOTAL HOURS: 124 REQUIRED

Candidates that transfer 12 or more hours of college credit are exempt from UNIV 100: University Success; however, the student must take 2 hours of general

Student Signature: _____

Advisor Signature: _____

Biology Electives		
Course	Course Title	Credit Hours
BIO/L 115	General Zoology	3/1
BIO/L 119	General Botany	3/1
BIO 201	Environmental Sciences	3
BIO 236	Concepts of Public Health	3
BIO 302	Introduction to Bioinformatics and Computational Biology	3
BIO 332	Parasitology	3
BIO 391	Introduction to Research	2
BIO 393	Introduction to Medical Terminology	3
BIO 404	Environmental Sciences	3/1
BIO/L 406	Human Environments and Natural Systems	3/1
BIO 409	General Genetics	3
BIO/L 412	Natural Resources & Conservation	3/1
BIO/L 413	Principles of Human Nutrition	3/1
BIO/L 423	Ecology	3/1
BIO/L 425	Introduction to Marine Biology	3/1
BIO/L 430	Advanced Microbiology	3/1
BIO/L 431	Invertebrate Zoology	3/1
BIO 433	Biology of Water Pollution	3
BIO/L 440	Cell Biology	3/1
BIO/L 441	Histology	3/1
BIO/L 447	Introduction to Oceanography	3/1
BIO 450	General Entomology	3
BIO 451	Introduction to Immunology	3
BIO 461	Introduction to Virology	3
BIO/L 470	Human Physiology	3/1
BIO 496	Cancer Biology	3
STATISTICS ELECTIVE		
Course	Course Title	Credit Hours
BIO 202	Elementary Biostatistics	3
MATH 271	Elementary Statistics	3
PSY 211	Statistics I	3
STAT 115	Introductory Statistics	3