

BACHELOR OF SCIENCE IN BIOLOGY

BIOMEDICAL SCIENCE & HUMAN HEALTH TRACK 2025-26

(Includes Medical, Pharmacy, Dentistry + Research Careers)

FRESHMAN YEAR FALL	CREDITS	COMPLETED
CATEGORY III: Natural Science with Lab		
BIOB 160/161 Principles of Living Systems + Lab	4	☐
CHMY 141/142 College Chemistry I + Lab	4	☐
CATEGORY I: Communications		
WRIT 101 College Writing I	3	☐
CATEGORY IV: Social Science & History		
Any course in this area	3	☐
CATEGORY I: Communications		
COMX 111 Introduction to Public Speaking	3	☐

TOTAL CREDITS 17

SOPHOMORE YEAR FALL	CREDITS	COMPLETED
BIOE 370/371 General Ecology + Lab	4	☐
PHSX 205/206 College Physics I + Lab	4	☐
STAT 216 Introduction to Statistics	3	☐
CATEGORY IV: Social Science & History		
Any course in this area	3	☐
CATEGORY VI: Humanities & Fine Arts		
Any course in this area	3	☐

TOTAL CREDITS 17

JUNIOR YEAR FALL	CREDITS	COMPLETED
BIOH 201/202 Human Anatomy & Physiology I + Lab	4	☐
CHMY 321/322 Organic Chemistry I + Lab	5	☐
Major/Minor Elective	3	☐
Advisor Approved Track Elective	3	☐

TOTAL CREDITS 16

SENIOR YEAR FALL	CREDITS	COMPLETED
BIOM 250/251 Microbiology for Health Sciences + Lab	4	☐
BCH 360 Fundamentals of Biochemistry	3	☐
Advisor Approved Track Elective	3	☐
Major/Minor Elective	3	☐

TOTAL CREDITS 13

Advisor Approved Electives	CREDITS	COMPLETED
BIOB 450/451 Molecular Biology Tech + Lab	3	☐
BIOH 4XX Neurology of Disease	3	☐
BIOM 400/401 Medical Microbiology + Lab	3	☐
CHTH 440 Principles of Epidemiology	3	☐
HTH 325 Etiology of Disease	3	☐

FRESHMAN YEAR SPRING	CREDITS	COMPLETED
CATEGORY III: Natural Science with Lab		
BIOB 170/171 Organismal Diversity + Evaluation + Lab	4	☐
CHMY 143/144 College Chemistry II + Lab	4	☐
CATEGORY II: Mathematics		
M 121 College Algebra	3/4	☐
CATEGORY VI: Humanities & Fine Arts		
Any course in this area	3	☐
M 112 Trigonometry + Complex Numbers	3	☐

TOTAL CREDITS 16/17

SOPHOMORE YEAR SPRING	CREDITS	COMPLETED
AHMS 144 Medical Terminology	3	☐
PHSX 207/208 College Physics II + Lab	4	☐
CATEGORY VI: Technology		
Any Course in this area	3	☐
CATEGORY V: Cultural Diversity		
Any course in this area	3	☐

TOTAL CREDITS 13

JUNIOR YEAR SPRING	CREDITS	COMPLETED
BIOB 485/486 Molecular Biology & Genetics + Lab	4	☐
BIOH 211/212 Human Anatomy & Physiology II + Lab	4	☐
CHMY 323/324 Organic Chemistry II + Lab	5	☐

TOTAL CREDITS 13

SENIOR YEAR SPRING	CREDITS	COMPLETED
BIOB 420 Evolution	4	☐
Major/Minor Elective	3	☐
Major/Minor Elective	3	☐
Advisor Approved Track Elective	4	☐

TOTAL CREDITS 14

Advisor Approved Electives	CREDITS	COMPLETED
KIN 320 Exercise Physiology	3	☐
KIN 327 Kinesiology + Biochemistry	3	☐
NSCI 450* Undergraduate Research I	3	☐
NSCI 451* Undergraduate Research II	3	☐

*Students entering professional programs encouraged to enroll

