

BACHELOR OF SCIENCE IN BIOLOGY

ECOLOGY AND CONSERVATION TRACK 2025-26

(Includes Medical, Pharmacy, Dentistry + Research Careers)

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

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	3	☐
Any course in this area		
CATEGORY VI: Humanities & Fine Arts	3	☐
Any course in this area		

TOTAL CREDITS 17

JUNIOR YEAR FALL	CREDITS	COMPLETED
AOT 301 Global Positioning Systems (GPS)	3	☐
CHMY 321/322 Organic Chemistry I + Lab	5	☐
Advisor Approved Track Elective	4	☐
Advisor Approved Track Elective	4	☐

TOTAL CREDITS 16

SENIOR YEAR FALL	CREDITS	COMPLETED
Major/Minor Elective	3	☐
Major/Minor Elective	3	☐
Advisor Approved Track Elective	4	☐
Advisor Approved Track Elective	4	☐

TOTAL CREDITS 14

Advisor Approved Electives	CREDITS	COMPLETED
AHMS 144 Medical Terminology	3	☐
ANTY 250 Intro to Archaeology	3	☐
ANTY 3XX Archaeological Science + Lab	4	☐
ASTR 307 Astronomy + Lab	4	☐
BCH 360 Fundamentals of Biochemistry	3	☐
BIOB 450/451 Molecular Biology Tech. + Lab	3	☐
BIOE 410/411 Field Biology Methods + Lab	4	☐
BIOE 410/411 Ecological Methods + Lab	4	☐
BIOE 428/429 Freshwater Ecology + Lab	4	☐
BIOE 4XX Freshwater Ecology + Lab	3	☐
BIOM 423 Mycology	3	☐
BIOO 320/321 General Botany + Lab	4	☐

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

TOTAL CREDITS 16/17

SOPHOMORE YEAR SPRING	CREDITS	COMPLETED
GEO 3XX Landscape Geology + Lab	4	☐
PHSX 207/208 College Physics II + Lab	3	☐
CATEGORY VI: Technology	3	☐
Any Course in this area		
CATEGORY V: Cultural Diversity	3	☐
Any course in this area		

TOTAL CREDITS 13

JUNIOR YEAR SPRING	CREDITS	COMPLETED
BIOB 485/486 Molecular Biology & Genetics + Lab	4	☐
AOT XXX Geographic Information Systems (GIS)	3	☐
BIOE 440 Conservation Biology	3	☐
Advisor Approved Track Elective	4	☐

TOTAL CREDITS 13

SENIOR YEAR SPRING	CREDITS	COMPLETED
BIOB 420 Evolution	4	☐
BIOE 451 Landscape Ecology	3	☐
Major/Minor Elective	3	☐
Advisor Approved Track Elective	4	☐

TOTAL CREDITS 14

Advisor Approved Electives	CREDITS	COMPLETED
BIOO 335/336 Rocky Mountain Flora + Lab	3	☐
BIOO 380/381 Zoology + Lab	4	☐
BIOO 432/433 Entomology + Lab	4	☐
BIOO 470/471 Ornithology + Lab	3	☐
BIOO 475 Mammalogy + Lab	4	☐
CHMY 323/324 Organic Chemistry II + Lab	5	☐
ENSC 245 Soils	4	☐
NRSM 260 Range Management + Lab	4	☐
NSCI 450* Undergraduate Research I	3	☐
NSCI 451* Undergraduate Research II	3	☐
PHYX 207/208 College Physics II + Lab	4	☐

*Students entering professional programs are encouraged to enroll

