

Bachelor of Science in **FISHERIES & WILDLIFE**

UNIVERSITY & COLLEGE DEGREE REQUIREMENTS

120 credits for the Bachelor of Science degree (including 23 credits in writing, integrative studies, & economics)

FW MAJOR DEGREE REQUIREMENTS

COMPLETE ALL of the following

CORE FISHERIES & WILDLIFE MAJOR REQUIREMENTS

FW 101 & 101L Fish & Wildlife Fundamentals & Lab
FW 293 Undergrad Seminar in Fish & Wildlife
FW 364 Ecological Problem Solving
FW 424 Population Analysis and Management
FW 434 Human Dimensions of FW Management
IBIO 355 Ecology

COMPLETE ALL from either Group 1 or Group 2 BIOLOGICAL SCIENCES

Group 1

BS 161 Cell and Molecular Biology
BS 171 Cells and Molecular Biology Lab
BS 162 Organismal & Population Biology
BS 172 Organismal & Population Biology Lab

Group 2

LB 144 Biology I: Organismal Biology
LB 145 Biology II: Cellular & Molecular Bio

CHOOSE ONE of the following EARTH SCIENCES

CSS 210 Fundamentals of Soil Science
GEO 203 Introduction to Meteorology
GEO 206 Physical Geography
GLG 201 The Dynamic Earth

Besides the courses listed, each FW major must also complete at least one FW concentration (see right and additional handouts)

CONCENTRATIONS



CONSERVATION
BIOLOGY



WILDLIFE BIOLOGY
& MANAGEMENT



FISHERIES BIOLOGY
AND MANAGEMENT



WATER
SCIENCES



FISH & WILDLIFE
DISEASE
ECOLOGY &
MANAGEMENT



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MAJOR DEGREE REQUIREMENTS (CONT.)

CHOOSE ONE from each group below
MATH & STATISTICS

Group 1

MTH 124 Survey of Calculus I
MTH 132 Calculus I
LB 118 Calculus I

Group 2

STT 224 Intro to Prob. & Stat for Ecologists
STT 231 Statistics for Scientists
STT 421 Statistics I

PHYSICAL SCIENCES

Group 1

CEM 141 & 161 General Chemistry & Lab
CEM 151 & 161 General and Descriptive Chemistry & Lab
LB 171 & 171L Principles of Chem. I & Lab

Group 2

LB 273 Physics I
PHY 183 Physics for Scientists & Engineers I
PHY 231 Introductory Physics I



CHOOSE TWO from the following
COMMUNICATIONS

COM 100 Human Communication
COM 225 Intro to Interpersonal Communication
COM 275 Effects of Mass Communication
CSUS 433 Grant Writing & Fund Development
FW 435 Integrated Communication for the FW Professional
JRN 472 Environmental, Science and Health Reporting
WRA 320* Technical Communication
WRA 331* Writing in the Public Interest
WRA 341 Nature, Environmental & Travel Writing
WRA 453* Grant & Proposal Writing
** Contact WRA for an override*

CHOOSE ONE from each group below
ETHICS & PHILOSOPHY

FW 439 Conservation Ethics
GEO 432 Environmental Ethics
PHL 340 Ethics
PHL 342 Environmental Ethics
PHL 380 Nature of Science

EXPERIENTIAL LEARNING

FW 493 Prof. Internship in FW
FW 490 Independent Study
FW 480 International Studies in FW
FW 499 Senior Thesis in FW

