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

https://www.fw.msu.edu/
 fw.advising@msu.edu | 517.353.9091
Department of Fisheries & Wildlife
MICHIGAN STATE UNIVERSITY
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