

FISHERIES AND WILDLIFE SCIENCES MINOR

Also available via Ecampus.

A sequence in the following is a prerequisite to the Fisheries and Wildlife Sciences minor:

| Code | Title | Hours |
|-------------------------------------|---------------------------|-------|
| Select one of the following groups: | | 12 |
| Group A: Principles of Biology | | |
| BI 211 | *PRINCIPLES OF BIOLOGY | |
| BI 212 | *PRINCIPLES OF BIOLOGY | |
| BI 213 | *PRINCIPLES OF BIOLOGY | |
| Group B: Introductory Biology | | |
| BI 204 | *INTRODUCTORY BIOLOGY I | |
| BI 205 | *INTRODUCTORY BIOLOGY II | |
| BI 206 | *INTRODUCTORY BIOLOGY III | |
| Total Hours | | 12 |

A minimum of 27 credits is required with a combination of the following courses. Double counting restrictions, when applicable, are listed for each section. Double counting towards baccalaureate core is permitted.

| Code | Title | Hours |
|------------------------------|---|-------|
| Section 1: Foundation | | |
| BI 370 | ECOLOGY ¹ | 3 |
| FW 251 | PRINCIPLES OF FISH AND WILDLIFE CONSERVATION ¹ | 3 |

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| Section 2: Species | | |
| Two courses in this section may be double counted. ² | | |
| <i>Species Evolution and Biology</i> | | 3-4 |
| Select one course from below: ³⁻⁴ | | |

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| FW 302 | BIOLOGY AND CONSERVATION OF MARINE MAMMALS | |
| or BI 302 | BIOLOGY AND CONSERVATION OF MARINE MAMMALS | |
| FW 311 | ORNITHOLOGY | |
| FW 312 | SYSTEMATICS OF BIRDS | |
| FW 315 | ICHTHYOLOGY | |
| FW 317 | MAMMALOLOGY | |
| FW 331 | ECOLOGY OF MARINE AND ESTUARINE BIRDS | |
| Z 473 | HERPETOLOGY | |

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| <i>Systematics</i> | | 2-3 |
| Select one course from below: | | |
| FW 312 | SYSTEMATICS OF BIRDS | |
| FW 316 | SYSTEMATICS OF FISHES | |
| FW 318 | SYSTEMATICS OF MAMMALS | |
| Z 474 | SYSTEMATIC HERPETOLOGY | |

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| Section 3: Electives | | |
| Select a minimum of 14–16 credits from the following courses or from Section 2: | | 14-16 |
| None of these courses may be double counted. | | |
| FES 485 | *CONSENSUS AND NATURAL RESOURCES | |

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| FW 301 | FIELD TECHNIQUES FOR MARINE MAMMAL CONSERVATION | |
| FW 303 | SURVEY OF GEOGRAPHIC INFORMATION SYSTEMS IN NATURAL RESOURCE | |
| FW 320 | INTRODUCTORY POPULATION DYNAMICS | |
| FW 321 | APPLIED COMMUNITY AND ECOSYSTEM ECOLOGY | |
| FW 323 | MANAGEMENT PRINCIPLES OF PACIFIC SALMON IN THE NORTHWEST | |
| FW 324 | *FOOD FROM THE SEA | |
| FW 325 | *GLOBAL CRISES IN RESOURCE ECOLOGY | |
| FW 326 | INTEGRATED WATERSHED MANAGEMENT | |
| FW 328/VMB 328 | WILDLIFE CAPTURE AND IMMOBILIZATION | |
| FW 340 | *MULTICULTURAL PERSPECTIVES IN NATURAL RESOURCES | |
| FW 341 | FISH AND WILDLIFE LAW ENFORCEMENT | |
| FW 345 | *GLOBAL CHANGE BIOLOGY | |
| FW 350 | *ENDANGERED SPECIES, SOCIETY AND SUSTAINABILITY | |
| FW 356 | *CITIZEN SCIENCE | |
| FW 360 | *ORIGINS OF F&W MANAGEMENT-EVOLUTION, GENETICS, AND ECOLOGY | |
| FW 366 | ENVIRONMENTAL CONTAMINANTS IN FISH AND WILDLIFE | |
| FW 370 | CONSERVATION GENETICS | |
| FW 415 | FISHERIES AND WILDLIFE LAW AND POLICY | |
| FW 419 | THE NATURAL HISTORY OF WHALES AND WHALING | |
| FW 421/BI 421 | AQUATIC BIOLOGICAL INVASIONS | |
| FW 422 | INTRODUCTION TO OCEAN LAW | |
| FW 426 | COASTAL ECOLOGY AND RESOURCE MANAGEMENT | |
| FW 427 | PRINCIPLES OF WILDLIFE DISEASES | |
| FW 434/OC 434 | ESTUARINE ECOLOGY | |
| FW 435 | *WILDLIFE IN AGRICULTURAL ECOSYSTEMS | |
| FW 439 | *HUMAN DIMENSIONS OF FISHERIES AND WILDLIFE MANAGEMENT | |
| FW 445/FES 445 | ECOLOGICAL RESTORATION | |
| FW 451 | AVIAN CONSERVATION AND MANAGEMENT | |
| FW 452/FES 452 | BIODIVERSITY CONSERVATION IN MANAGED FORESTS | |
| FW 454 | *FISHERY BIOLOGY | |
| FW 456 | FRESHWATER ECOLOGY AND CONSERVATION | |
| FW 458 | MAMMAL CONSERVATION AND MANAGEMENT | |
| FW 462 | ECOSYSTEM SERVICES | |
| FW 464 | MARINE CONSERVATION BIOLOGY | |
| FW 465 | MARINE FISHERIES | |
| FW 467 | ANTARCTIC SCIENCE AND CONSERVATION | |
| FW 469 | METHODS IN PHYSIOLOGY AND BEHAVIOR OF MARINE MEGAFUNA | |
| FW 470 | *ECOLOGY AND HISTORY: LANDSCAPES OF THE COLUMBIA BASIN | |

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| FW 471 | ENVIRONMENTAL PHYSIOLOGY OF FISHES |
| FW 473 | FISH ECOLOGY |
| FW 474 | EARLY LIFE HISTORY OF FISHES |
| FW 475 | WILDLIFE BEHAVIOR |
| FW 476 | FISH PHYSIOLOGY |
| FW 479 | WETLANDS AND RIPARIAN ECOLOGY |
| FW 481 | WILDLIFE ECOLOGY |
| FW 488 | PROBLEM SOLVING IN FISHERIES AND WILDLIFE SCIENCE |
| FW 489 | EFFECTIVE COMMUNICATIONS IN FISHERIES AND WILDLIFE SCIENCE |
| FW 491/MB 491 | FISH DISEASES IN CONSERVATION BIOLOGY AND AQUACULTURE |
| FW 493 | FIELD METHODS FOR MARINE RESEARCH |
| FW 496/MB 496 | FISH DISEASES IN CONSERVATION BIOLOGY AND AQUACULTURE LAB |
| FW 497 | [^] AQUACULTURE |
| FW 498 | AQUACULTURE LABORATORY |
| FW 499 | SPECIAL TOPICS IN FISHERIES AND WILDLIFE |
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| Total Hours | 27-32 |

- ¹ Double counting is allowed in this section
- ² One course may be double counted
- ³ None of these courses may be double counted
- * Baccalaureate Core Course (BCC)
- [^] Writing Intensive Course (WIC)

Minor Code: 734