

**NATURAL RESOURCES B.S. DEGREE   
Specialization Option:  
ENVIRONMENTAL DIASTER MANAGEMENT**

Date Prepared: By:

|  |  |  |
| --- | --- | --- |
| **Student Name** | **Student ID#** | **Current Institution/Campus/Major** |
|  |  |  |
| COMMENTS: | | |

\*= Baccalaureate Core / ^ = WIC (Writing Intensive Course / + = Core Ed (for students admitted Summer 2025 onward)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ENVIRONMENTAL DISASTER MANAGEMENT SPECIALIZATION REQUIREMENTS** | | | | |
| **MEASUREMENTS AND ANALYSIS (4 credits) CHOOSE ONE** | | | **Fulfilled by:** | **Note #** |
|  | GIScience I: Geographic Information Systems and Theory (4) | GEOG 360 |  |  |
| ***OR*** Quantitative Geospatial Analysis and Modeling (4) | GEOG 361 |
| **COMMUNICATION AND LEADERSHIP (6-7 credits) REQUIRED** | | | **Fulfilled by:** | **Note #** |
|  | Risk and Crisis Communications in AG Science & Natural Resources (3) | AG 455\* |  |  |
|  | Team and Organizational Leadership (3) | LEAD 342\* |  |  |
| ***OR*** Communication in Organizations (3) | COMM 324 |
| ***OR*** Managing Organizations (4) | BA 251 |
|  |  |  |  |  |
| **FOUNDATIONS OF ENVIRONMENTAL DISASTER MANAGEMENT ( 17 CREDITS) REQUIRED** | | | **Fulfilled by:** | **Note #** |
|  | Environmental Earth Sciences (4) | ENSC 210+\* |  |  |
|  | Ecological Restoration (4) | FES/FW 445 |  |  |
|  | Geographies of Risk, Vulnerability and Resilience (3) | GEOG 350\* |  |  |
|  | Foundations of Environmental Health (3) | H 344\* |  |  |
| ***OR*** Global Environmental Health (3) | H 388\* |
|  | Emergency Disaster Management (3) | H 489 |  |  |
|  |  |  |  |  |
| **ELECTIVES Select a minimum of 10 credits from the following** | | | **Fulfilled by:** | **Note #** |
|  | Environmental Law (4) | AEC 432 |  |  |
|  | Snow, Smoke and Storms: Climate Change Impacts in the Pacific Northwest (3) | ATS 341+\* |  |  |
|  | Marine Ecology (3) | BI 351 |  |  |
|  | Ecology (3) | BI 370 |  |  |
|  | General Chemistry (5) | CH 122\* |  |  |
|  | General Chemistry (5) | CH 123\* |  |  |
|  | Organic Chemistry (4) | CH 331 |  |  |
|  | Forest Watershed Management (4) | FE 434 |  |  |
|  | Forest Disturbance Hydrology (3) | FE 436 |  |  |
|  | Forest Ecology (3) | FES 341 |  |  |
|  | Wildland Fire Ecology (3) | FES 440 |  |  |
|  | Integrated Watershed Management (3) | FW 326 |  |  |
|  | Urban Ecology (3) | FW 418 |  |  |
|  | Coastal Ecology and Resource Management (5) | FW 426 |  |  |
|  | Estuarine Ecology (4) | FW 434 |  |  |
|  | Freshwater Ecology and Conservation (4) | FW 456 |  |  |
|  | Wetlands and Riparian Ecology (3) | FW 479 |  |  |
|  | Wildlife Ecology (3) | FW 481 |  |  |
|  | Wildland Fire Guard School (2) | FOR 252 |  |  |
|  | Wildland Fire Science and Management (4) | FOR 436 |  |  |
|  | Prescribed Fire Practicum (3) | FOR 452 |  |  |
|  | Global Warming: Science, Impacts and Solutions (3) | GEO 332\* |  |  |
|  | Society and Volcanoes (3) | GEO 305\* |  |  |
| ***OR*** The Big One: Surviving an Earthquake (3) | GEO 380\* |
|  | Population, Consumption and Environment (3) | GEOG 331\* |  |  |
|  | Quantitative Geospatial Analysis and Modeling (4) | GEOG 361 |  |  |
|  | The World’s Water (3) | GEOG 441 |  |  |
|  | Planning Principles and Practices for Resilient Communities (4) | GEOG 451 |  |  |
|  | Climate and Health (3) | GEOG 332\* |  |  |
|  | Oceans, Coasts and People (3) | OC 203\* |  |  |
|  | Chemical Behavior in the Environment (3) | TOX 430 |  |  |
|  | Ecotoxicology: Aquatic Ecosystems (3) | TOX 455 |  |  |
|  | Environmental Forensic Chemistry (3) | TOX 490 |  |  |
|  |  |  |  |  |
|  | Note: Up to 6 credits of appropriate internships, projects or study abroad may be used to fulfill credit requirements in this option as approved by petition. | | | |

|  |  |
| --- | --- |
| **NOTE #** |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

|  |
| --- |
| **A Specialization Option is required for the Natural Resources major. (Minimum of 37 credits with at least 20 of those being upper division credits.) The minimum required GPA for the specialization is 2.25. This option is available on the Corvallis Campus and Ecampus.** |

Revised 3.2025 NR Curriculum version 4.0 effective Summer 2025 onward.