

**NATURAL RESOURCES B.S. DEGREE
Specialization Option Checklist:
Policy and Management**

Date Prepared: By:

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

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

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| **POLICY AND MANAGEMENT SPECIALIZATION REQUIREMENTS** |  |
| **MEASUREMENTS (4 credits) CHOOSE ONE** | **Fulfilled by:** | **Note #** |
|  | Research Methods in Social Science (4) | FES 422 |  |  |
| ***OR*** Research Methods (4) | PS 300^ |
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| **SOCIAL SCIENCE AND NATURAL RESOURCES (6 - 8 credits) CHOOSE TWO** | **Fulfilled by:** | **Note #** |
|  | Introduction to Climate Change Economics and Policy | AEC 122\* |  |  |
|  | Ecosystem Science of Pacific Northwest Indians (3) | AG 301\* |  |  |
|  | Ecological Anthropology (4) | ANTH 477 |  |  |
|  | Management Principles of Pacific Salmon in the Northwest (3) | FW 323 |  |  |
|  | Multicultural Perspectives in Natural Resources (3) | FW 340\* |  |  |
|  | Human Dimensions of Climate Change (3) | GEOG 240\* |  |  |
|  | Land Use Planning for Sustainable Communities (3) | GEOG 250\* |  |  |
|  | Sustainability for the Common Good (3) | GEOG 300\* |  |  |
|  | Geography of Natural Hazards (3) | GEOG 350\* |  |  |
|  | Resilience Based Natural Resource Management (3) | GEOG 430 |  |  |
|  | ~~Land Use in the American West (3)~~  | ~~GEOG 450~~ |  |  |
| ***OR*** Planning Principles and Practices for Resilient Communities (4) | GEOG 451 |
| ***OR*** Environmental Assessment (3) | GEOG/ENSC 452 |
|  | Critical Thinking for Natural Resource Challenges (3) | NR 312 |  |  |
|  | ~~When Science Escapes the Lab (3)~~ | ~~NR 351\*~~ |  |  |
|  | Introduction to Sociology | SOC 204\* |  |  |
|  | Environmental Sociology (4) | SOC 480\* |  |  |
|  | Society and Natural Resources (4) | SOC 481\* |  |  |
|  | Sustainability, Justice and Engagement (3) | SUS 331\* |  |  |
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| **NATURAL RESOURCE POLICY (12-13 credits)** Choose from at least two different departments | **Fulfilled by:** | **Note #** |
|  | Environmental Law, Policy and Economics (4) | AEC 253\* |  |  |
|  | Natural Resource Economics and Policy (3) | AEC 351\* |  |  |
|  | Environmental Economics and Policy (3) | AEC/ECON 352\* |  |  |
|  | Intro to Coastal and Marine Resource Economics (3) | AEC 353\* |  |  |
|  | Environmental Law (4) | AEC 432 |  |  |
|  | Issues in Natural Resource Conservation (3) | FES 365\* |  |  |
|  | Public Lands Policy and Management (3) | FES 486^ |  |  |
|  | Economics and Policy of Forest Wildland Fire (3) | FOR 431 |  |  |
|  | Forest Policy Analysis (4) | FOR 461 |  |  |
|  | Forest Policy and Regulation (3) | FOR 463/FE 463^ |  |  |
|  | Endangered Species, Society and Sustainability (3) | FW 350\* |  |  |
|  | Fisheries and Wildlife Law and Policy (3) | FW 415 |  |  |
|  | Introduction to Ocean Law (3) | FW 422 |  |  |
|  | Introduction to United States Government and Politics (4) | PS 201\* |  |  |
|  | The Politics of Climate Change (4) | PS 455\* |  |  |
|  | Global Food Politics and Policy (4) | PS 470 |  |  |
|  | US Energy Policy (4) | PS 473 |  |  |
|  | Environmental Politics and Policy (4) | PS 475 |  |  |
|  | International Environmental Politics and Policy (4) | PS 477 |  |  |
|  | Renewable Energy Policy (4) | PS 478 |  |  |
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| **NATURAL RESOURCE MANAGEMENT (Choose 12 credits)** | **Fulfilled by:** | **Note #** |
|  | Field Methods in Plant Ecology (4) | BOT 440 |  |  |
|  | Environmental Case Studies (4) | ENSC 321^ |  |  |
|  | Wildland Fire Ecology (3) | FES 440 |  |  |
|  | Urban Forest Planning, Policy and Management (4) | FES 455/HORT 455 |  |  |
|  | Ecological Restoration (4) | FES 445/FW 445 |  |  |
|  | Topics in Wildland Fire (3) | FOR 346 |  |  |
|  | Wildland Fire Science and Management (4) | FOR 436 |  |  |
|  | Survey of Geographic Information Systems In Natural Resources (3) | FW 303 |  |  |
|  | Applied Community and Ecosystems Ecology (3) | FW 321 |  |  |
|  | Global Crises in Resource Ecology (3) | FW 325\* |  |  |
|  | Integrated Watershed Management (3) | FW 326 |  |  |
|  | ~~Wildlife in Agricultural Ecosystems (3)~~ | ~~FW 435^~~ |  |  |
|  | Wetlands and Riparian Ecology (3) | FW 479 |  |  |
|  | Foundations of Geospatial Science and GIS (4) | GEOG 201\* |  |  |
|  | Introduction to Water Science and Policy (3) | GEOG 340\* |  |  |
|  | Conflict, Cooperation, and Control of Water in the US (3) | GEOG 440 |  |  |
|  | The World’s Water (3) | GEOG 441 |  |  |
|  | Introduction to Nonprofit Management | NMC 311 |  |  |
|  | Riparian Ecohydrology and Management (4) | RNG 455 |  |  |
|  | Rangeland Management and Planning – Principles and Practices (4) | RNG 491^ (was RNG 490^) |  |  |
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| **RESOURCE ECONOMICS (3-4 credits) CHOOSE ONE** |  |  |
|  | Natural Resources Economics and Policy (3) | AEC 351\* |  |  |
|  | Environmental Economics and Policy (3) | AEC/ECON 352\* |  |  |
|  | Introduction to Coastal and Marine Resource Economics (3) | AEC 353\* |  |  |
|  | Economics of Traditional and Renewable Energy (4) | ECON 466 |  |  |
|  | Forest Resource Economics I (4) | FOR 329 |  |  |
|  | Economics and Policy of Wildland Fire (4) | FOR 431 |  |  |
|  | Economics of Recreation and Tourism (3) | TRAL 432 |  |  |
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| 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. |

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

Revised 3.2025 NR 3.0 for Natural Resources students admitted before Summer 2025