

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

Date Prepared\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ By\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Student Name** | **Student ID#** | **Current Institution** |
|  |  |  |
| **Email Address** |  |

\*=Baccalaureate Core / ^ =WIC (Writing Intensive Course

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| **POLICY AND MANAGEMENT SPECIALIZATION OPTION REQUIREMENTS** |  |
| **MEASUREMENTS (4 credits) CHOOSE ONE** | **Fulfilled by:** | **Note #** |
| \_\_\_ Research Methods in Social Science (4) | FES 422 |  |  |
| \_\_\_ Research Methods (4) | PS 300^ |  |  |
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| **SOCIAL SCIENCE AND NATURAL RESOURCES (6 - 8 credits) CHOOSE TWO** | **Fulfilled by:** | **Note #** |
| \_\_\_ Environmental Law, Policy and Economics | AEC 253\* |  |  |
| \_\_\_ Ecosystems 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\* |  |  |
| \_\_\_ Ecology and History of the Columbia Basin (3) | FW 470\* |  |  |
| \_\_\_ Climate Change, Water and Society (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*** Sustainable Site Planning (3) | GEOG 452 |  |  |
| \_\_\_ Critical Thinking for Natural Resource Challenges (3) | NR 312 |  |  |
| \_\_\_ When Science Escapes the Lab (3) | NR 351\* |  |  |
| \_\_\_ Environmental Sociology (4) | SOC 480\* |  |  |
| \_\_\_ Society and Natural Resources (4) | SOC 481\* |  |  |
| \_\_\_ Sustainability, Justice and Engagement | SUS 331\* |  |  |
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| **NATURAL RESOURCE POLICY (12-13 credits)CHOOSE FROM AT LEAST TWO DEPARTMENTS** | **Fulfilled by:** | **Note #** |
| \_\_\_Natural Resource Economics (3) | AEC 351\* |  |  |
| \_\_\_Environmental Economics (3) | AEC/ECON 352\* |  |  |
| \_\_\_ Intro to Coastal and Marine Resource Economics (3) | AEC 353 |  |  |
| \_\_\_ Environmental Law (4) | AEC 432 |  |  |
| \_\_\_ Marine Economics (3) | AEC 452 |  |  |
| \_\_\_ Conservation on Private Land (3) | AEC 453 |  |  |
| \_\_\_ Issues in Natural Resource Conservation (3) | FES 365\* |  |  |
| \_\_\_ Public Lands Policy and Management (3) | FES 486^ |  |  |
| \_\_\_ Economics and Policy for Forest Wildland Fire (3) | FOR 431 |  |  |
| \_\_\_ Forest Policy (4) | FOR 460^ |  |  |
| \_\_\_ Natural Resource Policy and Law (3) | FOR 462 |  |  |
| \_\_\_ 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 | PS 201\* |  |  |
| \_\_\_ The Politics of Climate Change (4) | PS 455\* |  |  |
| \_\_\_ Environmental Political Theory (4) | PS 461 |  |  |
| \_\_\_ 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 479^ |  |  |
| \_\_\_ Wildland Fire Ecology (3) | FES 440 |  |  |
| \_\_\_ Urban Forest Planning, Policy and Management (4) | FES 455 |  |  |
| \_\_\_ Ecological Restoration (4) | FES/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\* |  |  |
| \_\_\_ Water Resource Management in the U.S. (3) | GEOG 440 |  |  |
| \_\_\_ International Water Resources Management (3) | GEOG 441 |  |  |
| \_\_\_ Riparian Ecology and Management (4) | RNG 455 |  |  |
| \_\_\_ Rangeland Management and Planning (4) | RNG 490 |  |  |
| \_\_\_ Wilderness Management (3) | TRAL 352 |  |  |
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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 | AEC 353\* |  |  |
| \_\_\_ Rural Development Economics and Policy (3) | AEC 454 |  |  |
| \_\_\_ Economics of Traditional and Renewable Energy (4) | ECON 466 |  |  |
| \_\_\_Forest Resource Economics I (4) | FOR 329 |  |  |
| \_\_\_Economics and Policy of Wildland Fire (4) | FOR 329 |  |  |
| \_\_\_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 4.2021 for Natural Resources curriculum version 3.0 effective summer 2018