

# TRANSFER GUIDE FOR OREGON STATE UNIVERSITY

Major Offered At:

CORVALLIS

ECAMPUS

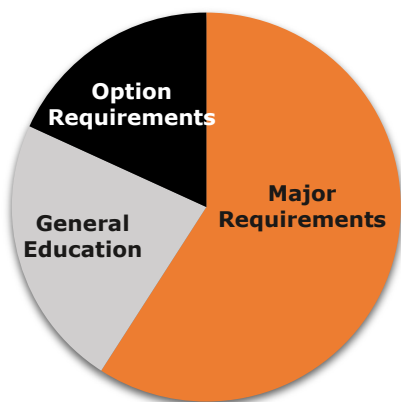
Portland  
Community College

## Natural Resources Major with Conservation Law Enforcement Option

Natural Resources students are passionate about the world around them. They collaborate to preserve and protect the natural world for future generations.

NR students completing this option will be prepared to enter careers in conservation law enforcement with an understanding of the criminal justice system, environmental law and policy, human dimensions and sustainable resource management.

## Your Bachelor's Degree (BS) in Natural Resources



- A minimum of 180 credits are required for graduation; 60 must be upper division (300 and 400-level courses).
- A maximum of 135 credits earned at a community college may be applied toward a bachelor's degree at OSU.
- Only courses with letter prefixes and numbers above 100 are accepted.
- [More info at forestry.oregonstate.edu/undergraduate-programs/natural-resources/conservation-law-enforcement](http://forestry.oregonstate.edu/undergraduate-programs/natural-resources/conservation-law-enforcement)

## Courses Required for Natural Resources Major

| NR Major Requirements                        | PCC Course | OSU Course | Notes                   |
|----------------------------------------------|------------|------------|-------------------------|
| <i>Complete one course per category</i>      |            |            |                         |
| Managing Nat Res for the Future              | ESR 204    | NR 201     | Available online at OSU |
| Natural Resource Problems & Solutions        |            | NR 202     | Available online at OSU |
| Consensus and Natural Resources              |            | FES 485    | Available online at OSU |
| Natural Resources Decision Making            |            | NR 455     | Available online at OSU |
| <b>Advanced Communication</b>                |            |            |                         |
| Communication in Global Agriculture          |            | AG 351     | Available online at OSU |
| Social Media Advocacy in Ag Sci & Nat Res    |            | AG 445     | Available online at OSU |
| Risk & Crisis Communication in Ag Sci & NR   |            | AG 455     |                         |
| Small Group Communication                    | COMM 215   | COMM 222   |                         |
| Intercultural Communication                  | COMM 140   | COMM 226   | Available online at OSU |
| Communication in Organizations               |            | COMM 324   |                         |
| Non-Verbal Communication                     | COMM 227   | COMM 328   |                         |
| Communication in Cyberspace                  |            | COMM 385   | Available online at OSU |
| Theories of Conflict and Conflict Management |            | COMM 440   |                         |
| Bargaining and Negotiating Processes         |            | COMM 442   |                         |
| Environmental Case Studies                   |            | ENSC 321   | Available online at OSU |
| Forest as Classroom                          |            | FES 430    | Available online at OSU |
| Maps, Media and Communication                |            | GEOG 202   |                         |
| Effective Comm of Environmental Change Sci   |            | GEOG 453   |                         |
| Critical thinking for NR Challenges          |            | NR 312     |                         |
| Environmental Interpretation                 |            | TRAL 493   | Available online at OSU |
| Technical Writing                            | WR 227Z    | WR 227Z    | Available online at OSU |
| Advanced Writing & Argumentation             |            | WR 323     | Available online at OSU |
| Science Writing                              |            | WR 362     | Available online at OSU |
| Writing for the Natural Sciences             |            | WR 375     |                         |
| Environmental Writing                        |            | WR 462     | Available online at OSU |



Oregon State  
University

| <b>NR Major Requirements</b><br><i>Complete one course per category</i>                                                                                                                                                                                                                                          | <b>PCC Course</b>                          | <b>OSU Course</b>                                                                                                       | <b>Notes</b>                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Writing Intensive Course</b><br>Ag and Environmental Predicaments<br>Environmental Case Studies<br>Public Lands Policy and Management<br>Forest Policy and Regulation<br>Aquaculture<br>Climatology<br>Research Methods<br>Rangeland Management and Planning<br>World Soil Resources<br>Environmental Writing |                                            | CROP/SOIL/SUS 325<br>ENSC 321<br>FES 486<br>FE/FOR 463<br>FW 497<br>GEOG 323<br>PS 300<br>RNG 491<br>SOIL 395<br>WR 462 | Available online at OSU<br>Available online at OSU<br><br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU |
| <b>Biology I</b><br>Env Bio: Ecology, Cons., Global Change<br>Introductory Biology I<br>Principles of Biology: Cells                                                                                                                                                                                             | BI 103<br>BI 221Z                          | BI 101<br>BI 204<br>BI 221Z                                                                                             | Available online at OSU<br>Available online at OSU                                                                                                                                            |
| <b>Biology II</b><br>Animal Bio: Genes, Behavior, and Evolution<br>Introductory Biology II<br>Principles of Biology: Organisms                                                                                                                                                                                   | BI 102<br>BI 222Z                          | Z 102<br>BI 205<br>BI 222Z                                                                                              | Available online at OSU<br>Available online at OSU                                                                                                                                            |
| <b>Biology III</b><br>Human Bio: Anatomy, Phys, and Disease<br>Introductory Biology III<br>Principles of Biology: Ecology & Evolution                                                                                                                                                                            | BI 101<br>BI 223Z                          | BI 103<br>BI 206<br>BI 223Z                                                                                             | Available online at OSU<br>Available online at OSU                                                                                                                                            |
| <b>Chemistry</b><br>General Chemistry I with Lab<br>General Chemistry (Majors) I with Lab                                                                                                                                                                                                                        | CH 221Z & 227Z                             | CH 121<br>CH 221Z & 227Z                                                                                                | Available online at OSU<br>Available online at OSU                                                                                                                                            |
| <b>Climate Science</b><br>PCC Course: Climate Change & Human Syst.<br>Climate Science<br>Snow, Smoke and Storms: Climate in PNW<br>Climatology<br>Intro to Climate Change                                                                                                                                        | G 209<br>G 184                             | GEO LDT<br>ATS 201<br>ATS 341<br>GEOG 323<br>SUS 103                                                                    | Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU                                                                                      |
| <b>Land Science</b><br>Soil Science<br>Environmental Earth Science<br>Planet Earth<br>Physical Geology<br>Earth Systems Science<br>Global Change and Earth Sciences<br>Surface Processes<br>Dynamic Planet<br>Soil Science & Lab                                                                                 | G 201<br>G 202<br>G 203                    | CSS 205<br>ENSC 210<br>GEO 101<br>GEO 201<br>GEO 202<br>GEO 308<br>GEO 322<br>GEOG 102<br>SOIL 205 & 206                | Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br><br>Available online at OSU<br><br>Available online at OSU                        |
| <b>Water Science</b><br>Watershed Processes<br>Forest Watershed Management<br>Environmental Hydrogeology<br>Intro to Water Science and Policy<br>Hydrology for Water Resource Mgmt<br>Oceanography<br>Intro to Biological Oceanography<br>Coastal Oceanography                                                   | GS 108                                     | FE 430<br>FE 434<br>GEO 387<br>GEOG 340<br>GEOG 424<br>OC 201<br>OC 202<br>OC 332                                       | Available online at OSU<br><br>Available online at OSU<br>Available online at OSU<br><br>Available online at OSU<br><br>Available online at OSU                                               |
| <b>Ecology</b><br>Ecology for Engineers<br>Marine Ecology<br>General Ecology<br>Plant Ecology<br>Tropical Ecology and Conservation<br>Forest Ecology<br>Wildlife Ecology<br>Intro to Wildland Ecology                                                                                                            |                                            | BEE 270<br>BI 351<br>BI 370<br>BOT 341<br>ENSC 341<br>FES 341<br>FW 481<br>RNG 121                                      | Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU     |
| <b>Mathematics</b><br>Elementary Functions<br>Calculus for Mgmt, Life, and Social Science<br>Math for Mgmt, Life, and Social Science<br>Differential Calculus                                                                                                                                                    | MTH 112Z<br>MTH 241<br>MTH 245<br>MTH 251Z | MTH 112Z<br>MTH 241<br><br>MTH 251Z                                                                                     | Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU                                                                                      |

| NR Major Requirements<br><i>Complete one course per category</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PCC Course                                                             | OSU Course                                                                                                                                                                                                                                 | Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Statistics</b><br>Elementary Statistics I<br>Intro to Statistical Methods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | STAT 243Z                                                              | ST 243Z<br>ST 351                                                                                                                                                                                                                          | Available online at OSU<br>Available online at OSU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Animal Science</b><br>PCC Course: Bird ID & Ecology<br>Forest Entomology<br>Terrestrial Vertebrate ID and Nat History<br>Principles of Fish & Wildlife Conservation<br>Bio and Conservation of Marine Mammals<br>Ornithology<br>Systematics of Birds<br>Ichthyology<br>Systematics of Fishes<br>Mammalogy<br>Systematics of Mammals<br>Introductory Population Dynamics<br>Applied Community and Ecosystem Ecology<br>Ecology of Marine and Estuarine Birds<br>Herpetofauna Conservation and Management<br>Avian Conservation and Management<br>Fishery Biology<br>Mammal Conservation and Management<br>Marine Conservation Biology<br>Wildlife Ecology<br>Animal Behavior<br>Biology of Insects<br>Herpetology<br>Aquatic Entomology | BI 164<br><br><br><br>BI 145                                           | BI LDT<br>FES 412<br>FOR 210<br>FW 251<br>FW 302<br>FW 311<br>FW 312<br>FW 315<br>FW 316<br>FW 317<br>FW 318<br>FW 320<br>FW 321<br>FW 331<br>FW 448<br>FW 451<br>FW 454<br>FW 458<br>FW 464<br>FW 481<br>Z 350<br>Z 365<br>Z 473<br>Z 477 | Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU |
| <b>Plant Science</b><br>PCC Course: General Botany<br>Botany: A Human Concern<br>Intro to Plant Biology<br>Plant Systematics<br>Forest Pathology<br>Aquatic Botany<br>Flora of the Pacific Northwest<br>Mycology<br>Forest Biology<br>Dendrology<br>Landscape Plant Mat I: Decid & Coniferous<br>Landscape Plant Mat II: Shrubs<br>Wildland Plant Identification                                                                                                                                                                                                                                                                                                                                                                          | BI 202<br><br><br><br><br><br><br><br>BI 141<br><br>HOR 226<br>HOR 228 | BOT LDT<br>BOT 101<br>BOT 220<br>BOT 321<br>BOT/FOR 413<br>BOT 416<br>BOT 425<br>BOT 461<br>FES 240<br>FES 241<br>HORT 226<br>HORT 228<br>RNG 353                                                                                          | Available online at OSU<br>Available online at OSU<br><br><br><br><br><br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br>Available online at OSU                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Aquatic Ecosystems</b><br>PCC Course: Marine Biology<br>PCC Course: Freshwater Biology<br>Intro to Marine Biology<br>Oceans in Peril<br>Marine Ecology<br>Mgmt Principles of Pacific Salmon in NW<br>Integrated Watershed Management<br>Coastal Ecology and Resource Management<br>Estuarine Ecology<br>Freshwater Ecology and Conservation<br>Fish Ecology<br>Wetlands and Riparian Ecology<br>Hydrology for Water Resource Management<br>Riparian Ecohydrology and Management                                                                                                                                                                                                                                                        | BI 142<br>BI 143                                                       | BI LDT<br>BI LDT<br>BI 150<br>BI 347<br>BI 351<br>FW 323<br>FW 326<br>FW 426<br>FW/OC 434<br>FW 456<br>FW 473<br>FW 479<br>GEOG 424<br>RNG 455                                                                                             | Available online at OSU<br>Available online at OSU<br>Available online at OSU<br><br><br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br><br>Available online at OSU<br>Available online at OSU<br>Available online at OSU<br><br>Available online at OSU                                                                                                                                                                                                                                                                                                                                                |



[illegible]

## Courses Required for Conservation Law Enforcement Option

| Requirement                                  | PCC Course                                                                                        | OSU Course    | Notes                   |
|----------------------------------------------|---------------------------------------------------------------------------------------------------|---------------|-------------------------|
| <i>Complete one course per category</i>      |                                                                                                   |               |                         |
| <b>Measurements</b>                          |                                                                                                   |               |                         |
| Precision Agriculture                        | GEOG 265 subs                                                                                     | CROP/HORT 414 | Available online at OSU |
| GIS & Forest Engineering Applications        |                                                                                                   | FE 257        | Available online at OSU |
| Research Methods for Social Science          | GEO 170                                                                                           | FES 422       | Available online at OSU |
| Field Sampling of Fish & Wildlife            |                                                                                                   | FW 255        | Available online at OSU |
| Wildlife Capture and Immobilization          |                                                                                                   | FW 328        | Available online at OSU |
| Foundations of Geospatial Science & GIS      |                                                                                                   | GEOG 201      | Available online at OSU |
| Geoscience I: GIS & Theory                   |                                                                                                   | GEOG 360      | Available online at OSU |
| Advanced Interpersonal Communication         | COMM 140                                                                                          | COMM 318      | Available online at OSU |
| Intercultural Communication                  |                                                                                                   | COMM 226      | Available online at OSU |
| Nonverbal Communication                      | COMM 227                                                                                          | COMM 328      |                         |
| Intro to Fish & Wildlife Conservation        | BA 145                                                                                            | FW 251        | Available online at OSU |
| Intro to Crime & Justice                     | CJA 111 or 112 can sub                                                                            | SOC 241       | Available online at OSU |
| Science Writing                              |                                                                                                   | WR 362        | Available online at OSU |
| Writing for the Natural Sciences             |                                                                                                   | WR 375        | Available online at OSU |
| <b>Conservation &amp; Mgmt (choose two)</b>  |                                                                                                   |               |                         |
| Biodiversity Conservation of Managed Forests |                                                                                                   | FES/FW 452    | Available online at OSU |
| Coastal Ecology and Resource Management      |                                                                                                   | FW 426        | Available online at OSU |
| Herpetofauna Conservation & Management       |                                                                                                   | FW 448        | Available online at OSU |
| Avian Conservation and Management            |                                                                                                   | FW 451        | Available online at OSU |
| Mammal Conservation and Management           |                                                                                                   | FW 458        | Available online at OSU |
| Rangeland Ecology and Management             |                                                                                                   | RNG 341       | Available online at OSU |
| <b>Human Dimensions</b>                      |                                                                                                   |               |                         |
| Contemporary Families in the U.S.            |                                                                                                   | HDFS 201      | Available online at OSU |
| Family Violence and Neglect                  |                                                                                                   | HDFS 444      | Available online at OSU |
| Social Psychology                            |                                                                                                   | PSY 360       | Available online at OSU |
| Sociology of the Family                      |                                                                                                   | SOC 312       | Available online at OSU |
| Social Dimensions of Sustainability          |                                                                                                   | SOC 381       | Available online at OSU |
| Criminology and Penology                     |                                                                                                   | SOC 441       | Available online at OSU |
| Law and Society                              |                                                                                                   | SOC 448       | Available online at OSU |
| Law, Crime & Policy                          |                                                                                                   | SOC 449       |                         |
| Social Dimensions of Sustainability          |                                                                                                   | SUS 420       |                         |
| <b>Fish, Wildlife, and Environmental Law</b> |                                                                                                   |               |                         |
| Environmental Law, Policy, and Economics     |                                                                                                   | AEC 253       | Available online at OSU |
| Environmental Law                            |                                                                                                   | AEC 432       | Available online at OSU |
| Fish and Wildlife Law Enforcement            |                                                                                                   | FW 341        | Available online at OSU |
| Fish and Wildlife Law and Policy             |                                                                                                   | FW 415        |                         |
| Introduction to Ocean Law                    |                                                                                                   | FW 422        |                         |
| <b>Electives (9 credits minimum)</b>         | CJA 101, 111, 112, 113, 114, 117, 210, 211, 212, 213, 214, 215, 217, 224, 225, 230, 231, 244, 246 |               |                         |

## General Education Courses (called Core Education)

- Complete one course in each category.
- Full listing of PCC courses that fulfill Core Ed requirements: [admissions.oregonstate.edu/course-articulations-portland-community-college](https://admissions.oregonstate.edu/course-articulations-portland-community-college)

|                   |                                           |                                                                    |
|-------------------|-------------------------------------------|--------------------------------------------------------------------|
| FOUNDATIONAL CORE | Writing Foundations                       | WR 121Z required                                                   |
|                   | Arts & Humanities: General                |                                                                    |
|                   | Arts & Humanities: Global                 |                                                                    |
|                   | Quantitative Literacy & Analysis          | Fulfilled by major: MTH 112Z, MTH 241, or STAT 243Z                |
|                   | Communication, Media & Society            |                                                                    |
|                   | Social Science                            | Fulfilled by major: EC 201Z                                        |
|                   | Scientific Inquiry & Analysis             | Fulfilled by major: Biology                                        |
|                   | Scientific Inquiry & Analysis             | Fulfilled by major: Chemistry                                      |
| SIGNATURE CORE    | Difference, Power, Oppression Foundations |                                                                    |
|                   | Transitions                               |                                                                    |
|                   | Beyond OSU I: Prepare                     | Fulfilled by major: NR 201                                         |
|                   | Beyond OSU II: Engage                     | Fulfilled by major: NR 455                                         |
|                   | Difference, Power, Oppression Advanced    | Fulfilled by major: AG 311, ENSC/GEOG 333, SUS 331                 |
|                   | Seeking Solutions                         | Cannot be fulfilled by a major requirement                         |
|                   | Writing Elevation                         |                                                                    |
|                   | Writing Intensive Course                  | Fulfilled by major: SUS 325, ENSC 321, FES 486, FOR 463, or WR 462 |

## Advising Contacts

Academic advisors at your community college and OSU are available to answer your questions and assist you in creating a transfer plan. **See your community college advisor first and use this Transfer Guide to help you plan.** It is important to speak with your OSU academic advisor early on, and often, to ensure correct course selection and sequencing. See [visitosu.oregonstate.edu/visit-campus](https://visitosu.oregonstate.edu/visit-campus) to schedule your personalized visit.

|                                          |                                                                                                                                                   |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Portland Community College               | General Academic Advising<br>971-722-8888 Option 1<br><a href="mailto:advising@pcc.edu">advising@pcc.edu</a>                                      |
| OSU College of Forestry Student Services | Forestry Student Services<br>541-737-1594<br><a href="mailto:forestrystudentservices@oregonstate.edu">forestrystudentservices@oregonstate.edu</a> |