



Transfer Guide: Natural Resources

<http://www.forestry.oregonstate.edu/academic-programs/undergraduates/natural-resources>

| Natural Resources Core Requirements (Complete one course from each category) | OSU Course | EOU Course |
|---|--|--|
| Animal ID | FW 312. Systematics of Birds FW 316. Systematics of Fishes FW 318. Systematics of Mammals Z 477. Aquatic Entomology | Available Online Available Online |
| Atmospheric Science | ATS 201. *Climate Science ATS 320. *The Changing Climate GEO 323. *Climatology SUS 103. *Introduction to Climate Change | Available Online Available Online Available Online Available Online |
| Biology I | BI 204* (or BI 101 or BI 211) | BI 211 & 211L |
| Biology II | BI 205* (or BI 102 or BI 212) | BI 212 & 212L |
| Biology III | BI 206* (or BI 103 or BI 213) | BI 213 & 213L |
| Chemistry | CH 121 or CH 231* and CH 261* | CH 101 & 101L or CH 204 & 204L |
| Communications | COMM 321. Introduction to Communication Theory COMM 322. Small-Group Problem Solving COMM 328. Nonverbal Communication COMM 385. Communication and Culture in Cyberspace COMM 440. Theories of Conflict and Conflict Management COMM 442. Bargaining and Negotiation Processes FES 485. *Consensus and Natural Resources FES 493. Environmental Interpretation NR 312. Critical Thinking for Natural Resource Challenges | Available Online Available Online Available Online Available Online Available Online |
| Earth Science | GEO 101. *The Solid Earth GEO 102. *The Surface of the Earth GEO 201. *Physical Geology GEO 202. *Earth Systems Science GEO 221. *Environmental Geology | SC 150E Available Online Available Online |
| Environmental Assessment and Planning | FES 456. Planning for Sustainable Recreation FES 457. Planning for Sustainable Tourism FES 485. *Consensus and Natural Resources FES/FW 445. Ecological Restoration FW 435. *Wildlife in Agricultural Ecosystems GEOG 450. Land Use in the American West PS 449. *Topics in Comparative Politics PS 477. International Environmental Politics and Policy RNG 421. Wildland Restoration and Ecology RNG 490. Rangeland Management Planning SUS 304. *Sustainability Assessment SUS 350. *Sustainable Communities | Available Online Available Online Available Online Available Online Available Online Available Online Available Online Available Online |
| General Ecology | BI 370. Ecology BOT 341. Plant Ecology FES 240. *Forest Biology FES 341. Forest Ecology | BIOL 357 Available Online Available Online Available Online |

The courses above represent the first part of a four year degree program. Natural Resources students must also complete coursework from seven different "breadth" areas (one course per block) as well as an option within the major. Transfer students should expect to complete upper-division course requirements at OSU. The entire degree can be completed online. In addition to courses that fulfill the Natural Resources major requirements, students should be completing courses to fulfill [OSU's Baccalaureate Core](#) (general education curriculum). Major requirements that fulfill Baccalaureate Core are marked with an asterisk (*).

EOU Advising Center
541-962-3378

<https://www.eou.edu/advising/>

OSU Contact: College of Forestry Student Services
541-737-1594

studyforestry@oregonstate.edu

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|---|--|--|
| Geographic Information Science (GIS) | CROP/HORT 414. Information Systems in Agriculture FE 257. GIS and Forest Engineering Applications FW 303. Survey of GIS in Natural Resource GEOG 201. Foundations of Geospatial Science and GIS GEOG 360. Introduction to Geographic Information Systems | Available Online Available Online Available Online Available Online |
| Managing Natural Resources for the Future | NR 201. Managing Natural Resources for the Future | Available Online |
| Mathematics | MTH 112. *Elementary Functions MTH 241. *Calculus for Management and Social Science MTH 245. *Mathematics for Management, Life & Social Sciences MTH 251. *Differential Calculus | Available Online MTH 241 Available Online MTH 251 |
| Biological/Physical Science Measurements | BI 371. *Ecological Methods BOT 440. Field Methods in Plant Ecology FE 208. Forest Surveying FOR 321. Forest Mensuration FW 255. Field Sampling of Fish and Wildlife GEOG 452. Sustainable Site Planning NR 325. Scientific Methods for Analyzing Natural Resource Problems RNG 441. Rangeland Analysis | Available Online Available Online Available Online |
| Social Science or Measurements | FES 422. Research Methods in Social Science | |
| Natural Resource Decision Making | NR 455. Natural Resource Decision Making | Available Online |
| Natural Resource Policy | AEC 454. Rural Development Economics & Policy FOR 460. *Forest Policy FOR 462. Natural Resource Policy and Law GEOG 340/SOIL 335. *Introduction to Water Science and Policy PS 475. Environmental Politics and Policy PS 477. International Environmental Politics and Policy | Available Online Available Online Available Online Available Online |
| Resource Economics | AEC 351. *Natural Resource Economics and Policy AEC/ECON 352. *Environmental Economics and Policy AEC 454. Rural Development Economics & Policy FOR 330. Forest Conservation Economics | AREC 351 Available Online Available Online |
| Society & Natural Resources | ANTH 110. *Introduction to Cultural Anthropology FES 251. Recreation Resource Management FES 354. Communities, Natural Areas & Sustainable Tourism FES 355. Management for Multiple Resource Values GEOG 240. *Climate Change, Weather, and Society | ANTH 103 Available Online Available Online |
| Soil Science | CSS 205. *Soil Science or CSS 305. Principles of Soil Science or SOIL 205. *Soil Science and FOR/SOIL 206. *Forest Soils Lab | SOIL 305 & 305L |
| Statistics | ST 201. Principles of Statistics ST 351. Introduction to Statistical Methods | STAT 241 & 242 STAT 327 |
| Vegetation ID | BOT 321. Plant Systematics BOT 414. Agrostology BOT 425. Flora of the Pacific Northwest FES 241. Dendrology HORT 226. Landscape Plant Mat. I: Decid. Hardwoods & Conifers HORT 228. Landscape Plant Mat. II: Spring Flowering Trees & Shrubs RNG 353. Wildland Plant Identification | Available Online Available Online Available Online Available Online |
| Water Science | FE 430. Watershed Processes FW 326. Integrated Watershed Management OC 201. *Oceanography OC 332. Coastal Oceanography RNG 355. Desert Watershed Management | Available Online Available Online Available Online Available Online |