

**NATURAL RESOURCES B.S. DEGREE
MAJOR REQUIREMENTS CHECKLIST**

Date Prepared: By:
*NR v4.0 for students admitted in Summer 2025 and later*

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| **Student Name** | **Student ID#** | **Current Institution/Campus/Major** |
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| Comments: | **Intended Specialization Option (if known)** |
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\*= Baccalaureate Core / ^ = WIC (Writing Intensive Course / + = Core Ed (for students admitted Summer 2025 onward)

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| **NATURAL RESOURCES MAJOR REQUIREMENTS** |
| **INTERDISCIPLINARY FOUNDATIONS (13 credits) REQUIRED** | **Fulfilled by:** | **Note #** |
|  | ­­Managing NR for the Future (3) | NR 201+ |  |  |
|  | NR Problems and Solutions (3) | NR 202 |  |  |
|  | Consensus and Natural Resources (3) | FES 485\* |  |  |
|  | NR Decision Making (Capstone) (4) | NR 455+ |  |  |
| **ADVANCED COMMUNICATION (3-4 credits) CHOOSE ONE** | **Fulfilled by:** | **Note #** |
|  | Advanced Communication | AG 351\* or AG 445 or AG 455\* or COMM 226+ or COMM 322 or COMM 324 or COMM 328 or COMM 385 or COMM 440 or COMM 442 or ENSC 321^ or FES 430 or GEOG 202+ or GEOG 453 or NR 312 or TRAL 227+ or TRAL 493 or WR 227z\*+ or WR323+\* or WR 362+\* or WR 375+ or WR 462^  |  |  |
|  | Writing Intensive Course (WIC) *The WIC class can double-count within the major or specialization.* | CROP/SOIL/SUS 325^ or ENSC 321^ or FES 486^ or FW 497^ or FOR/FE 463^ or GEOG 323^ or PS 300^ or RNG 491^ or SOIL 395^ or WR 462^ |  |  |
| **BIOPHYSICAL SCIENCES (30-33 credits)** | **Fulfilled by:** | **Note #** |
|  | Biology I (4) | BI 101+\* or BI 204+\* or BI 221+\* |  |  |
|  | Biology II (4) | Z 102+\* or BI 205+\* or BI 222+\* |  |  |
|  | Biology III (4) | BI 103+\* or BI 206+\* or BI 223+\* |  |  |
|  | Chemistry (5) | CH 121+ or CH 221z and CH 227z (lab)+\* |  |  |
|  | Climate Science (3-4) | ATS 201+\* or ATS 341+\* or GEOG 323^ or SUS 103+\* |  |  |
|  | Land Science (4) | CSS 205+\* or [SOIL 205 and FOR 206 (lab) or SOIL 206 (lab)+\*] or ENSC 210+\* or GEO 101+\* or GEO 201+\* or GEO 202+\* or GEO 308\* or GEO 322 or GEOG 102+\* |  |  |
|  | Water Science (3-4) | FE 430 or FE 434 or GEO 387 or GEOG 340\* or GEOG 424 or OC 201+\* or OC 202+\* or OC 332 |  |  |
|  | Ecology (3-4) | BEE 270 or BI 351 or BI 370 or BOT 341 or ENSC 341 or FES 341 or FW 481 or RNG 121\* |  |  |
| **MATHEMATICS AND STATISTICS (8 credits)**  | **Fulfilled by:** | **Note #** |
|  | Mathematics (4) | MTH 112z\*+ or MTH 241\*+ or MTH 245\*+ or MTH 251\*+ |  |  |
|  | Statistics (4) | ST 243z+ or ST 351 |  |  |
| **RESOURCE MANAGEMENT (23 – 31 credits)** | **Fulfilled by:** | **Note #** |
|  | Animal Science (3-4) | FES 412 or FOR 210 or FW 251 or FW 302 or FW 311 or FW 312 or FW 315 or FW 316 or FW 317 or FW 318 or FW 320 or FW 321 or FW 331 or FW 448 or FW 451 or FW 454^ or FW 458 or FW 464 or FW 481 or Z 350 or Z 365 or Z 473 or Z 477 |  |  |
|  | Plant Science (3-4) | BOT 101+\* or BOT 220+\* or BOT 321 or BOT 413/FOR 413 or BOT 416 or BOT 425 or BOT 461 or FES 240+\* or FES 241 or HORT 226 or HORT 228 or RNG 353 |  |  |
|  | Aquatic Ecosystems (3-5) | BI 150 or BI 347 or BI 351 or FW 323 or FW 326 or FW 426 or FW 434/OC 434 or FW 456 or FW 473 or FW 479 or GEOG 424 or RNG 455 |  |  |
|  | Terrestrial Ecosystems (3-4) | FES 240+\* or FES 341 or FES 342 or FES 350/HORT 350 or FES 440 or FES 445 or FES 452/FW 452 or FOR 111 or FOR 346+ or FOR 441 or RNG 121\* or RNG 341 or RNG 351 or RNG 352 or RNG 421 or RNG 441 or RNG 442 or SOIL 366 or SOIL 388 or SOIL 395^ or SOIL 466 |  |  |
|  | Environmental Assessment & Planning (3-4) | CROP 325/SOIL 325/SUS 325^ or FES 445 or FES 455 or FW 462 or GEOG 250+\* or GEOG 451 or GEOG 452/ENSC 452 or RNG 421 or RNG 457 or RNG 491^ or SUS 304\* or SUS 350+\* or NR 325 or TRAL 456+ or TRAL 457+ or WSE 385\* |  |  |
| **SOCIAL AND POLITICAL DIMENSIONS (15 – 20 credits)** | **Fulfilled by:** | **Note #** |
|  | Difference, Power and Oppression ADVANCED (3)(Double counts in Core Ed requirements) | AG 311+\* or ANTH 411+ or GEOG/ENSC 333+\* or SUS 331+\*  |  |  |
|  | Natural Resources Policy and Politics I and II (6-8)(Choose two courses from different departments) | AEC 432 or ANTH 472 or ENT300/HORT330+\* or ES 444 or FES 486^ or FOR 461 or FOR 463/FE 463^ or FW 350+\* or FW 415 or FW 422 or GEOG 440 or GEOG 441 or PPOL 371/PS 371 or PPOL 446 or PPOL 447 or PPOL 448 or PS 455\* or PS 473 or PS 475 or PS 477 |  |  |
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|  | Economics (4) | AEC 250+\* or ECON 201+\* |  |  |
|  | Social and Ethical Issues (3-4) | AEC 253\* or AG 301\* or ANTH 352+\* or ANTH 477 or ANTH 481\* or ANTH 482\* or BOT 301\* or FES 365\* or FW 324+\* or FW 325+\* or GEO 306+\* or GEO 307\* or GEOG 100+\* or GEOG 203+\* or GEOG 240+\* or GEOG 241+\* or GEOG 242+ or GEOG 300+ or GEOG 430 or HST 481\* or HSTS 213\* or MAST 201+ or MAST 300+ or NR 312 or NR 380 or OC 203+ or PHL 244+ or PHL 440\* or PHIL/REL 443\* or PHL 448/ES 448 or PPOL 441/SOC 482 or SOC 280 or SOC 381 or SOC 475 or SOC 480\* or SOC 481\* or SUS 420 or TRAL 251 or TRAL 351 or TRAL 353 or TRAL 354 or TRAL 357\* or WGSS 440\* |  |  |
| **SPATIAL ANALYSIS (3 - 4 credits) CHOOSE ONE** | **Fulfilled by:** | **Note #** |
|  | Spatial Analysis | CROP 414/HORT 414 or FE 257 or FW 303 or GEOG 201+\* or GEOG 360 |  |  |

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| **A “Specialty Option” is required for this major. All Specializations have a minimum of 37 credits with at least 20 of those being upper division credits. Required minimum GPA for the specialization is 2.25.** |

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| CORE EDUCATION REQUIREMENTS <https://coreeducation.oregonstate.edu/curriculum> |  |
| **Foundational Core Requirements (31-35 credits)** | **Fulfilled by:** | **Note #** |
|  | Writing Foundations (4) *(C- or above)* | WR 121z required |  |  |
|  | Arts and Humanities: General (3-4) | **Student Choice**. See NR Advising Guide for chart of double counting courses or see CORE ED course listings at link above. |  |  |
|  | Arts & Humanities: Global (3-4) | **Student Choice.** See NR Advising Guide for chart of double counting courses or see CORE ED course listings at link above.*NOTE: Arts & Humanities courses must come from two different departments* |  |  |
|  | Quantitative Literacy & Analysis (4 cr) | **Fulfilled in major by**: MTH112z, MTH241, MTH245, MTH251 or ST 243z |  |  |
|  | Communication, Media and Society (3-4)  | **Student Choice**. See NR Advising Guide for chart of double counting courses or see CORE ED course listings at link above. |  |  |
|  | Social Science (3) |  **Fulfilled in major by: AEC 250 or ECON 201 (Economics)** See NR Advising Guide for chart of additional double counting courses or see CORE ED course listings at link above. |  |  |
|  | Scientific Inquiry & Analysis I | **Fulfilled in major by:** ATS 201 or BI 101/Z102/BI103 or BI 204/205/206 or BI221/222/223 or BOT 101 or CH 121 or CH221z&CH227z or CSS 205 or ENSC 210 or FES 240 or GEO 101 or GEO 201 or GEO 202 or GEOG 102 or GEOG 201 or OC 201 or OC 202 or RNG 121 or SOIL 205&206 or SUS 103 *NOTE: Scientific Inquiry & Analysis I and II courses must come from two different departments.* |  |  |
|  | Scientific Inquiry & Analysis II |  |
|  | Difference, Power and Oppression Foundations (3-4)  | **Student Choice:** See NR Advising Guide for chart of double counting courses or see CORE ED course listings at link above. |  |  |
| **Signature Core Requirements (11-13 credits)** | **Fulfilled by:** | **Note #** |
|  | Transitions (2 cr) | CORE 100 (First year) or CORE 300 (transfer student) |  |  |
|  | Beyond OSU I: Prepare (0 cr) | **Fulfilled in major by NR 201** (3) |  |  |
|  | Beyond OSU II: Engage (0 cr) | **Fulfilled in major by NR 455** (4) |  |  |
|  | Difference, Power and Oppression Advanced (3-4 cr) | **Fulfilled in major by:** AG 311 or ANTH 411 or ENSC/GEOG 333 or SUS 331.  |  |  |
|  | Seeking Solutions (3-4) | **Student choice.** Cannot be fulfilled by a course applied in the major. |  |  |
|  | Writing Elevation (3 cr) | **Student Choice.** See NR Advising Guide for chart of double counting courses or see CORE ED course listings at link above |  |  |
|  | Writing Intensive Course (WIC) (0 cr) | **Fulfilled in major by:** CROP/SUS 325 or ENSC 321 or FE/FOR 463 or FES 486 or FW 497 or GEOG 323 or RNG 491 or SOIL 395 or WR 462 |  |  |
| **NOTE:** Highlighted requirements may have approved courses that can be double counted with NR major requirements or in a specialization option. **See the NR Advising Guide for a list of Core Ed courses used in the NR major and where they can double count.****NOTE: Courses CANNOT be double counted between the NR major requirements and the Specialty Option or with the “Seeking Solutions” Core Ed requirement. Students may need additional classes to meet the minimum total required credits of 180 for a B.S degree or additional upper division (300-400 numbered) credits to meet the minimum of 60 required upper division credits in the B.S. degree. Any classes accepted in transfer and not applied directly to the degree requirements may count toward those minimum credit requirements. Students will work closely with their advisor to plan their academic program to meet these requirements.** |

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| **Foreign Language Requirement** | **Fulfilled by** | **Note #** |
|  | Students who graduated from high school or received a GED *after* 1997 are required to have two years of the same high school foreign language with a grade or C- or better OR two terms of a college level foreign language with a C- or better. Other ways to meet this requirement can be found at this [OSU Admission website](https://catalog.oregonstate.edu/admission/#:~:text=Completing%20two%20years%20of%20the,on%20a%20high%20school%20transcript).  |  |  |
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Revised 3.2025 NR Curriculum version 4.0 effective summer 2025 onward.