

B.S. Environmental Science

Planning & Administration Track (no Minor required)

Name: _____

Common Core for All Environmental Science Majors (34 hours):

- _____ BIOL 1440 Principles of Biology I
- _____ BIOL 1441 Principles of Biology II (BIOL 1440)
- _____ CHEM 1450 College Chemistry I
- _____ CHEM 1451 College Chemistry II (CHEM 1450)
- _____ GEOG 1400 Earth Systems Science *or* _____ SCI 3410 Earth Science
- _____ GEOG 3301 Conservation of Natural Resources (GEOG 2331) [UD UCA Core: R]
- _____ ENVR 3410 Environmental Theory and Application [UD UCA Core: D, C]
- _____ PSCI 3320 Environmental Policy (PSCI 1330 or PSCI 2305) [UD UCA Core: I, R]
- _____ ENVR 4410 Environmental Practicum [UD UCA Core: Z]

**Recommended
LD Core courses:**
(to help with later prerequisites)

- PSCI 1330
- GEOG 1305
- ANTH 1302

Planning and Administration Track Required Courses (36 hours):

- _____ BIOL 3403 General Ecology (BIOL 1441, Stats course) [UD Core: I]
- _____ GEOG 2330 Quantitative Methods in Geography
- _____ GEOG 2331 Research Methods in Geography
- _____ GEOG 2475 Cartography
- _____ GEOG 3318 Biogeography (GEOG 1315) *or* GEOG 3333 Geography of Natural Hazards [UD Core: R]
- _____ GEOG 3319 Geographic Field Techniques (GEOG 2475)
- _____ GEOG 3325 Urban & Regional Planning (GEOG 2331) [UD Core: R] *or* GEOG 3371 Urban Geography [UD Core: I]
- _____ GEOG 3403 Geographic Information Systems (GEOG 2475) [UD Core: I]
- _____ HIST 4301 American Environmental History [UD Core: I, R]
- _____ PSCI 2305 Introduction to Public Administration and Policy
- _____ WRTG 3310 Technical Writing (WRTG 1320 and Junior standing) [UD Core: C]

Planning and Administration Track Electives (choose 12 hours):

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| _____ ANTH 3340 Environmental Anthropology (ANTH 1302) | _____ GEOG 4307 Locational Analysis & Decisions w GIS |
| _____ ANTH 4395 Special Topics in Anthropology (ANTH 1302) | _____ GEOG 4308 Oceanography |
| _____ BIOL 2490 Genetics (BIOL 1441) | _____ GEOG 4309 GIS in Practice: Environ. Applications |
| _____ BIOL 3390 & _____ BIOL 3190 Economic Botany & Lab | _____ GEOG 4313 Recreation and Tourism [UD: I, R] |
| _____ BIOL 3410 Vertebrate Zoology | _____ GEOG 4V60 Spec. Prob. in Geog. (1-3 hrs) |
| _____ BIOL 4401 Invertebrate Zoology | _____ MIS 2343 Desktop Decision Support Strategies |
| _____ BIOL 4404 Plant Taxonomy | _____ MIS 3321 Managing Systems and Technology |
| _____ BIOL 4406 Mammalogy | _____ MIS 3328 Systems Analysis and Design (MIS 3321) [UD: C] |
| _____ BIOL 4407 Ornithology | _____ MIS 3335 Programming in Python I (MIS 3300) |
| _____ BIOL 4415 Evolution | _____ PHIL 3380 Philosophy of Science [UD Core: I, C] |
| _____ BIOL 4440 Entomology | _____ PSCI 3350 Interest Groups & Money in Politics (PSCI 1330) |
| _____ BIOL 4442 Restoration Ecology [UD: Z] | _____ PSCI 3361 Public Policy Analysis [UD: Z] |
| _____ BIOL 4455 Ichthyology | _____ PSCI 3365 Public Management |
| _____ BIOL 4470 Biology of Seed Plants | _____ PSCI 3372 Political Behavior |
| _____ ENVR 4465 Environmental Toxicology [UD: Z] | _____ PSCI 3375 American Judicial System |
| _____ GEOG 3306 Remote Sensing and Image Interpretation | _____ PSCI 4300 Constitutional Law [UD Core: I] |
| _____ GEOG 3320 Field Studies | _____ PSCI 4350 Public Policy and Program Evaluation |
| _____ GEOG 3325 Urban and Regional Planning [UD: R] | _____ PSCI 4375 Intergovernmental Relations [UD: C] |
| _____ GEOG 3V99 Internship in Geography (3or6 hrs) | _____ PSCI 4391 Government Budgeting |
| _____ GEOG 3333 Geog. of Natural Hazards [UD: R] | _____ PSCI 4V99 Studies in Political Science (1-4 hrs) |
| _____ GEOG 3351 Weather and Climate | _____ SOC 3321 Qualitative Research Methods (SOC 1300) [UD: I, C] |
| _____ GEOG 3361 Landforms | _____ SOC 4310 Globalization and Development (SOC 1300) |
| _____ GEOG 3371 Urban Geography [UD Core: I] | _____ SOC 4321 Social Policy Analysis (SOC 1300) |
| _____ GEOG 3404 Geographic Information Analysis | |
| _____ GEOG 4304 Water Resources [UD Core: R] | |
| _____ GEOG 4305 Soils | |

Updated Summer 2019