

**Bachelor of Science Degree |** Environmental Sustainability, Outreach, and Policy  *Sample Plan of Study for 2023-2024*

* Plan of studies will vary for each student depending on start year, individual goals, applicable transfer credit, and course availability.
* Declaring an Emphasis- Students should formally declare an emphasis area with the Office of

Registration & Records no later than the beginning of their junior year. The emphasis area is recorded on the academic transcript with the degree.

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|  | ***First Year*** | |  |
| **Fall** | Credits | **Spring** | Credits |
| BIOL 150 – *General Biology l* | 3 | BIOL 151 – *General Biology ll* | 3 |
| BIOL 150L – *General Biology l Lab.* | 1 | BIOL 151L – *General Biology ll Lab.* | 1 |
| ENGL 110 - *College Comp. l* | 4 | ENGL 120 – *College Comp. ll* | 3 |
| NRM 150 – *NRM Orientation* | 1 | Hum. & Fine Arts Elective | 3 |
| NRM 225 (G) – *Natural Resources & Agrosystems* | 3 | Math 103 – *College Algebra* | 3 |
| RNG 136 – *Intro to Range Management* | 3 | Wellness Elective | 2 |
|  | Total 15 |  | Total 15 |
|  | ***Second Year*** | |  |
| CHEM 121 – *General Chemistry l* | 3 | EMGT, POLS, or SOC elective | 3 |
| CHEM 121L – *General Chemistry l Lab* | 1 | SOIL 210 – *Intro. to Soil Science* | 3 |
| COMM 110 – *Fund. of Public Speaking* | 3 | ENT 210 – *Insects, Humans & Environment* | 3 |
| ECON 201(G) (SBS) - *Principles of Micro.* | 3 | Emphasis Core or Elective Credits | 6 |
| STATS 330 - *Intro. Statistics* | 3 |  |  |
| RNG 213 - *Rangeland Sampling Techniq.* | 3 |  |  |
|  | Total 16 |  | Total 15 |
|  | ***Third Year*** | |  |
| ENGL 321, 324, or 459 | 3 | NRM 421 – *Env. Outreach Methods* | 3 |
| PHIL 215(D) or 225 (H&FA) – *Env. Ethics* | 3 | RNG 452 or GEOG 455 - *GIS* | 3 |
| Emphasis Core or Elective Credits | 9 | Emphasis Core or Elective Credits | 9 |
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|  |  |  |  |
|  | Total 15 |  | Total 15 |
|  | ***Fourth Year*** | |  |
| Emphasis Core or Elective Credits | 14 | NRM/RNG/SOIL 462 – *Natural Resource and Rangeland Planning* | 3 |
|  |  | Emphasis Core or Elective Credits | 12 |
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|  | Total 14 |  | Total 15 |

**Total credits to graduate: 120**

Gen Ed requirements for Category D (Cultural Diversity) and G (Global Perspectives) can be fulfilled by taking approved courses that also qualify for other Gen Ed or curriculum requirements. **Environmental Sustainability, Outreach, and Policy**

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|  | **Environmental Sustainability, Outreach, and Policy Emphasis** |  |
| BIOL 364 | General Ecology | 3 |
| ECON 481 | Natural Resource Economics | 3 |
| NRM 401 | Urban-Ecosystem Management | 3 |
| NRM 420 | Sustainable Scenarios in Natural Resources Management | 3 |
| NRM 431 | National Environmental Policy Act & Environmental Impact Assessment | 3 |
| POLS, SOC, OR EMGT | 200 level or higher | 6 |

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| **Select a minimum of 29 credits from the approved electives below** | | | | | |
| AGEC 242 | Introduction to Agricultural  Management | 3 | GEOL 412 | Geomorphology | 3 |
| AGEC 347 Principles of Real Estate | | 3 | GEOL 414 Hydrogeology | | 3 |
| AGEC 375 | Applied Agricultural Law | 3 | GEOL 460 | Biogeochemistry | 3 |
| AGEC 452 Food Laws & Regulations | | 3 | GEOL 465 Remote Sensing of the Environment | | 3 |
| AGEC 474 | Cooperatives | 3 | MATH 144 | Mathematics for Business | 4 |
| BIOL 461 Plant Ecology | | 3 | NRM 322 Environmental Law and Policy | | 3 |
| COMM 112 | Understanding Media and Social Change | 3 | NRM 453 | Rangeland Resources Watershed Management | 3 |
| COMM 133 Introduction to Agricultural  Communication | | 3 | PLSC 110 World Food Crops | | 3 |
| COMM 316 | Conflict Communication | 3 | PLSC 219 | Introduction to Prairie & Community Forestry | 2 |
| ECON 202 Principles of Macroeconomics | | 3 | POLS 115 American Government | | 3 |
| ECON 341 | Intermediate Microeconomics | 3 | POLS 215 | Problems and Policies In American Government | 3 |
| ECON 470 Public Economics | | 3 | POLS 442 Global Policy Issues | | 3 |
| ECON 482 | Environmental Economics | 3 | RNG 451 | Ecology of Fire-Dependent Ecosystems | 3 |
| EMGT 101 Emergencies, Disasters, and  Catastrophes | | 3 | RNG 456 Range Habitat Management | | 3 |
| EMGT 261 | Disaster Preparedness | 3 | RNG 458 | Grazing Ecology | 3 |
| EMGT 262 | Disaster Mitigation | 3 | SOC 110 | Introduction to Sociology | 3 |
| EMGT 263 | Disaster Response | 3 | SOC 115 | Social Problems | 3 |
| EMGT 264 | Disaster Recovery | 3 | SOC 235 | Cultural Diversity | 3 |
| EMGT 410 | Comprehensive Emergency Management Planning | 3 | SOC 340 | Social Research Methods | 3 |
| EMGT 481 | Disaster Analysis | 3 | SOC 404 | Community Assessment | 3 |
| ENT 350 | General Entomology | 3 | SOC 405 | Community Development | 3 |
| GEOG 470 | Remote Sensing | 3 | SOC 431 | Environmental Sociology | 3 |
| GEOL 201 | The Geology of Climate Change and Energy | 3 | SOC 439 | Social Change | 3 |
| GEOL 219 | Oceanography | 3 | SOIL 217 | Introduction to Meteorology & Climatology | 3 |
| GEOL 300 | Environmental Geology | 3 |  |  |  |