



**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  |
|   |   |   |   |
|   |   |   |   |
|   | 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  |
|   |   |   |   |
|   |   |   |   |
|   | 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  |   |   |   |