# MAJOR IN NATURAL RESOURCES MANAGEMENT

## Major Completion Map

**At least 200 hours of acceptable professional work experience in the student's field prior to graduation is highly recommended. This can include summer/seasonal/school semester employment in natural resource management through paid summer jobs, an approved internship, volunteer positions, or work study experience. Acceptable work experience includes (but is not limited to) working for federal, state, non-governmental, private, and university organizations that research or manage natural resources, or are responsible for public policy or public relations related to natural resources.**

***Freshman***

| **Semester 1** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
|---|---|---|---|---|---|
| BZ 120 | Principles of Plant Biology (GT-SC1) | X | | 3A | 4 |
| CO 150 | College Composition (GT-CO2) | X | | 1A | 3 |
| F 101 | Intro to Forest and Rangeland Stewardship | X | | | 1 |
| MATH 117 | College Algebra in Context I (GT-MA1) | X | | 1B | 1 |
| MATH 118 | College Algebra in Context II (GT-MA1) | X | | 1B | 1 |
| MATH 125 | Numerical Trigonometry (GT-MA1) | X | | 1B | 1 |
| NR 193 | FRS First Semester Seminar | X | | | 1 |
| Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities) | | | X | 3B | 3 |
| | **Total Credits** | | | | **15** |
| **Semester 2** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
| BZ 110 | Principles of Animal Biology (GT-SC2) | X | | 3A | 3 |
| CHEM 107 | Fundamentals of Chemistry (GT-SC2) | X | | 3A | 4 |
| CHEM 108 | Fundamentals of Chemistry Laboratory (GT-SC1) | | | 3A | 1 |
| SPCM 200 | Public Speaking | X | | | 3 |
| Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities) | | | X | 3B | 3 |
| CO 150 must be completed by the end of Semester 2. | | X | | | |
| | **Total Credits** | | | | **14** |

***Sophomore***

| **Semester 3** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
|---|---|---|---|---|---|
| ECON 202 | Principles of Microeconomics (GT-SS1) | X | | 3C | 3 |
| F 209 | Introduction to Forest and Rangeland Ecology | X | | | 3 |
| RS 313/F 313 | Dendrology and Herbaceous Plant ID | X | | | 3 |
| SOCR 240 | Introductory Soil Science | X | | | 4 |
| Elective | | | X | | 3 |
| | **Total Credits** | | | | **16** |
| **Semester 4** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
| STAT 301 | Introduction to Applied Statistical Methods | X | | | 3 |
| Select one course from the following: | | X | | | 3 |
| GEOL 120 | Geology and Society (GT-SC2) | | | 3A | |
| GEOL 122 | Geoscience--Climate and Environmental Change (GT-SC2) | | | 3A | |
| GEOL 124 | Geology of Natural Resources (GT-SC2) | | | 3A | |
| Minor Course | | X | | | 3 |
| Diversity, Equity, and Inclusion (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion) | | X | | 1C | 3 |
| Historical Perspectives (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives) | | | X | 3D | 3 |
| | **Total Credits** | | | | **15** |
| **Semester 5** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
| NR 220 | Natural Resource Ecology and Measurements | X | | | 5 |
| | **Total Credits** | | | | **5** |

***Junior***

| **Semester 6** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
|---|---|---|---|---|---|
| NR 319 | Introduction to Geospatial Science | X | | | 4 |
| F 322 | Economics of the Forest Environment | X | | | 3 |
| Select one course from the following: | | X | | | 2-3 |
| F 311 | Forest Ecology | | | | |
| NR 312 | Applied Insect Ecology | | | | |
| RS 351 | Wildland Ecosystems in a Changing World | | | | |
| RS 378 | Disturbance Ecology | | | | |
| Minor Course | | X | | | 3 |
| Forestry minors take F 325 instead of NR 326. | | X | | | |
| | **Total Credits** | | | | **12-13** |

| **Semester 7** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
|---|---|---|---|---|---|
| F 325 | Silviculture | X | | | 3 |
| GR 204/WR 204 | Sustainable Watersheds (GT-SC2) | X | | 3A | 3 |
| NR 320 | Natural Resources History and Policy | X | | | 3 |
| Select one course from the following: | | X | | | 3 |
| CO 300 | Writing Arguments (GT-CO3) | | | 2 | |
| JTC 300 | Strategic Writing and Communication (GT-CO3) | | | 2 | |
| Minor Course | | X | | | 3 |
| | **Total Credits** | | | | **15** |

| **Semester 8** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
|---|---|---|---|---|---|
| Professional Work Experience | | | | | |
| | **Total Credits** | | | | **0** |

***Senior***

| **Semester 9** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
|---|---|---|---|---|---|
| F 321 | Forest and Natural Resource Biometry | X | | | 3 |
| F 326 | Wildland Fire Behavior and Management | X | | | 3 |
| RS 300 | Rangeland Conservation and Stewardship | X | | | 3 |
| Minor Courses | | X | | | 6 |
| | **Total Credits** | | | | **15** |

| **Semester 10** | | **Critical** | **Recommended** | **AUCC** | **Credits** |
|---|---|---|---|---|---|
| NR 400 | Public Communication in Natural Resources | X | | 4A,4B | 3 |
| NR 420 | Integrated Ecosystem Management | X | | 4C | 4 |
| Minor Courses | | X | | | 6 |
| The benchmark courses for the 10th semester are the remaining courses in the entire program of study. | | X | | | |
| | **Total Credits** | | | | **13** |
| | **Program Total Credits:** | | | | **120** |