

FOREST AND RANGELAND STEWARDSHIP

Prospective Transfer Workbook

Forest and Rangeland Stewardship | Restoration Ecology |
Natural Resources Management



FOREST AND RANGELAND
STEWARDSHIP
COLORADO STATE UNIVERSITY

What is Forest and Rangeland Stewardship?

Forests and rangelands sustain the broad range of natural goods and ecosystem services we use and enjoy every day. This major with its diverse concentrations prepares you to understand and manage animal, soil, water and vegetation resources on lands that carpet much of the earth's ground. Cultivate your curiosity and join a renowned CSU legacy continuing to expand the wide scope of forest and rangeland stewardship.

Our concentrations are accredited with the Society of American Foresters (SAF) or the Society for Range Management (SRM). Accredited degrees certify that students who complete these degrees are well qualified to meet certain professional standards in their chosen field. Some careers may require their candidates to have degrees from programs with certified accreditation.

Concentrations

FOREST MANAGEMENT

Enhance forest productivity, economic value and conservation by learning how adaptive management methods and technologies are the future of forest management.

FOREST BIOLOGY

Focus on the biology of trees and the ecology of forests. You'll learn to manage forests and their unique ecosystems that include many other plant and animal species.

FOREST FIRE SCIENCE

Find the balance between fire as a natural ecological process and as a forest management tool. Learn how wildfire can rejuvenate a forest.

RANGELAND CONSERVATION AND MANAGEMENT

Find solutions to management challenges and learn new conservation techniques to oversee rangelands that have multiple economic and social uses.

RANGELAND AND FOREST MANAGEMENT

Become resourceful to administer diverse strategies on rangeland and forest resources across the public and private sectors.

Priority Courses

CSU Course #	CSU Course Name	Colorado Community College Course #
CO150	College Composition	ENG122
MATH117, 118, 124	College Algebra I and II, Logarithmic and Exponential Functions	MAT121 or MAT166
MATH141	Calculus in Management Sciences	MAT125 *MAT201 for Forest Biology ^
SPCM200	Public Speaking	COM115
BZ120	Plant Biology	BIO221

Priority Courses

CHEM107, 108	Fundamentals of Chemistry + Lab	CHE101
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ECON202	Principles of Microeconomics	ECO202
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Optional Courses

SOCR240	Introductory Soil Science	HLT240
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RS300	Rangeland Conservation	NRE204
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NR319	Geospatial Applications in Natural Resources	GIS101 & GIS210 *must take both
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NR220	Natural Resource Ecology and Measurements	NRE100, 121 & 205 *must take all 3
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F230 *	Forestry Field Measurements	NRE110
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PH121 ^	General Physics 1	PHY111
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CHEM245 ^	Fundamentals of Organic Chemistry	CHE205
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F324 ~	Fire Effects and Adaptations	NRE215
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PH110 ~	Descriptive Physics	PHY101
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* applies to all FRS concentrations except for Rangeland Conservation Management

^ applies to Forest Biology concentration

~ applies to Forest Fire Science Concentration

To access curriculum checksheets and advising information, please visit:

<https://warnercnr.colostate.edu/frs/undergraduate-program/majors-minors/>

To view how courses will transfer to CSU, please go to: www.transferology.com. A student may apply 64 transfer credits from a regionally accredited 2-year institution toward their degree at CSU. There is no limit on the amount of credit that can be transferred from a regionally accredited 4-year institution. Only coursework completed with a grade of C- or better will be accepted in a transfer. Transfer grades and credits are not computed within the cumulative GPA earned at CSU. If coursework presented for transfer is over 10 years old, the academic department will need to review it for applicability towards degree requirements. Students must complete 42 upper-division (300-level or higher) credits, at least 30 of which must be taken at CSU, to earn a CSU degree.

What is Restoration Ecology?

Restoration ecology addresses this century's challenge of healing lands damaged by intensive human use and resource extraction such as mining, deforestation and land fragmentation. You'll understand foundational ecological processes and be equipped with skills needed to restore the functions and aesthetics of damaged ecosystems.

You'll become well versed in the biological, physical and ecological science foundation of restoration ecology for damaged forest and rangeland ecosystems. Practice repairing and renewing our natural areas using ecological processes and human intervention.

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MATH125, 126	Numerical and Analytical Trigonometry	MAT122 or MAT166
SPCM200	Public Speaking	COM115
BZ120	Plant Biology	BIO221
CHEM107, 108	Fundamentals of Chemistry + Lab	CHE101
ECON202	Principles of Microeconomics	ECO202



Optional Courses

LAND220	Fundamentals of Ecology	BIO222
SOCR240	Introductory Soil Science	HLT240
RS300	Rangeland Conservation	NRE204
NR319	Geospatial Applications in Natural Resources	GIS101 & GIS210 *must take both
NR220	Natural Resource Ecology and Measurements	NRE100, 121 & 205 *must take all 3

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What is Natural Resources Management?

Natural Resources Management provides you with a broad understanding of just how interconnected our social, political, and ecological systems are. This knowledge empowers you to address natural resource conservation and management challenges through designing sustainable solutions. With theory and practice, you'll be part of creating adaptive and resilient ecosystems amidst global scales of complexity and change.

An integrative approach in this major enables you to develop local natural resource solutions that are also applicable at global scales. You'll discuss issues from individual citizen engagement in conservation all the way up to global climate change. You'll explore the intersection of science and management and become well versed in biological, physical and social sciences.

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CO150	College Composition	ENG122
MATH117, 118, 124	College Algebra I and II, Logarithmic and Exponential Functions	MAT121 or MAT166
MATH125, 126	Numerical and Analytical Trigonometry	MAT122 or MAT166
SPCM200	Public Speaking	COM115
GEOL120, 121	Exploring Earth: Physical Geology + Lab	GEY111
CHEM107, 108	Fundamentals of Chemistry + Lab	CHE101
ECON202	Principles of Microeconomics	ECO202
BZ120	Plant Biology	BIO221
BZ110/LIFE102	Animal Biology/Attributes of Living Systems	BIO111

Optional Courses

LAND220	Fundamentals of Ecology	BIO222
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Before You Transfer

1. Review your major options online at <https://admissions.colostate.edu/academic-programs/>. If you are interested in learning more about the major programs in Warner College of Natural Resources, set up a time to talk with Jake Aglietti (jake.aglietti@colostate.edu).
2. Consider making a visit to CSU and/or WCNR. You can schedule a visit to campus at: <https://admissions.colostate.edu/visit-campus/#transfer>.
3. Review how your coursework will transfer to CSU: www.transferology.com.
 - If you are transferring credit from a school outside of Colorado, you may request a Tentative Transfer Credit Evaluation with the Transfer Student Center once you have selected a major program. This evaluation will inform you of how your credits will work with your selected major. Please contact the Transfer Student Center at (970) 491-1858 or via the Transfer Student website through Admissions: <https://admissions.colostate.edu/transfer/>.
4. Apply for admission to CSU: <https://admissions.colostate.edu/apply/transfer/>.

CSU has a number of statewide articulation agreements and approved transfer guides. To view the agreements that are currently approved at CSU, please visit: <https://registrar.colostate.edu/transfer-credit/agreements-guarantees/>.

After You've Been Admitted... **Welcome to Warner!**

1. Confirm your offer of admission and pay or defer your enrollment deposit.
2. Sign up for Ram Orientation. All transfer students are required to attend Ram Orientation. At Ram Orientation, you'll meet with your assigned WCNR major advisor and register for classes. Be sure to complete any placement requirements prior to attending Ram Orientation.
3. Submit your final transfer transcripts to CSU prior to orientation.
4. If you have examination credit (AP, IB, etc.), please make sure to send your test scores from the testing agency directly to CSU prior to orientation. AP/IB test scores cannot be transferred from your previous institution to CSU and must be sent directly from the testing agency.
5. Complete your financial aid and health records requirements. Information about WCNR scholarships is available at: <https://warnercnr.colostate.edu/scholarships-and-fellowships/>.
6. Connect with Warner online:
 - Twitter – @warnercollege
 - Instagram – csuwarnercollege
 - Facebook – <https://www.facebook.com/WarnerCollegeofNaturalResources/>
7. If you're admitted for the fall semester, plan to attend Ram Welcome to connect with other WCNR students and kick off the start of a new academic year!
8. Students who transfer to CSU from a Colorado Community College before earning the Associates degree should use the "Reverse Transfer" process to earn the Associates degree from their previous institution: degreewithinreach.org

