



WARNER COLLEGE  
OF NATURAL RESOURCES  
COLORADO STATE UNIVERSITY





# #WARNERBOUND

We are Warner and we're excited for you to join us. Our close knit community is full of passionate students who are driven to make positive impacts for the environment and in their communities.

# LAND GRANT HERITAGE

As a land grant university, Colorado State University is an institution that emphasizes access, inclusion, and opportunity to ensure an exciting and enriching experience for all students.

Our rich land grant heritage means CSU students think about a world far bigger than themselves. They aren't afraid to face the challenges that lie ahead when pursuing their passions.

## CSU LAND ACKNOWLEDGMENT

CSU's Land Acknowledgment is a statement crafted by Indigenous faculty, staff, and officials at CSU, to learn and engage more with the history of this region. The statement recognizes the history of Native peoples and nations that lived and stewarded the land where the university now resides. Warner College recognizes this statement with humility and respect.

Students studying in the Horsetooth Rock Conference Room in the Michael Smith Natural Resources Building.



LEARN MORE ABOUT THE LAND ACKNOWLEDGMENT:



Michael Smith Natural Resources Building, Built 2018



# OUR VISION

To be a global leader in natural resource education, research, and outreach, enabling solutions to critical natural resource issues in Colorado and around the world.

## COLLEGE OVERVIEW

Warner College of Natural Resources is one of the largest and most comprehensive natural resources colleges in the nation. Offering students the opportunity to immerse themselves in their environmental field of choice, Warner College is an unmatched natural resources education experience.

## THE WARNER EFFECT



**8/10** students would choose their Warner Major again.



**9/10** rate their Warner experience as positive.



**80%** of Warner Grads secure jobs or future education plans within 6 months of graduation.

# THE WARNER RAM EXPERIENCE

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Warner College students interpret our natural world in meaningful ways and experience CSU and Fort Collins to the fullest. Our vision, majors, spaces on campus, and tight-knit community encompass what it means to be a Warner Ram at Colorado State University.

## CAMPUS LIFE

The CSU community provides tremendous possibilities for connection and personal growth, friendships, and mentoring among students, faculty, and staff. Students have numerous opportunities to enjoy this sense of community, whether it's by getting involved in CSU activities, studying in many of the unique spaces around campus, or in celebrating CSU traditions.



New Warner Rams enjoying a campfire together at the CSU Mountain Campus First Year Experience event.

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## CAMPUS LIFE

The CSU community has such a high capacity for connection and care amongst students, faculty, and staff. Students have numerous opportunities to enjoy this sense of community, whether it's by getting involved on campus, studying in many of the unique spaces around campus, or celebrating CSU traditions.



Warner Rams walking to the Dining Hall at the CSU Mountain Campus.

## CSU PRINCIPLES OF COMMUNITY

Warner College is a tight-knit community at Colorado State University. To ensure our community is safe and inclusive for all, we intentionally strive to embody Colorado State University's community values.



SOCIAL JUSTICE



INTEGRITY



INCLUSION



SERVICE



RESPECT



Student interns with Warner College's Colorado Natural Heritage Program engaging in a Bioblitz at Hallam Lake in Aspen, Colorado.



# OUR COMMUNITY

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Our students, faculty, and staff are passionate about the work they do in the classroom, the lab, and the outdoors. The passion doesn't stop there. Many Warner College students get involved in the College's student organizations, events, and learning communities.

# STUDENT ORGANIZATIONS

Warner College has more than 20 student groups and professional societies to get involved in. These groups foster community and provide opportunities for fellowship, networking, and professional development.





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## College Orgs

- Warner College Council
- Minorities in Agriculture, Natural Resources, and Related Sciences

## Department Orgs

- 
**ECOSYSTEM SCIENCE AND SUSTAINABILITY**
  - Ecosystem Science and Sustainability Club
  - Watershed Club
- 
**FISH, WILDLIFE, AND CONSERVATION BIOLOGY**
  - Wildlife Society
  - CSU Field Ornithologists
- 
**FOREST AND RANGELAND STEWARDSHIP**
  - Society for Ecological Restoration Student Guild
  - Student Associate for Fire Ecology
  - Society of American Foresters Alpha Chapter
  - Rangeland Ecology Club
  - Society for Ecological Restoration Student Guild
- 
**GEOSCIENCES**
  - CSU Geosciences Club
- 
**HUMAN DIMENSIONS OF NATURAL RESOURCES**
  - CSU Tourism Association
  - Rams for the Boundary Waters and Wilderness Advocacy

CHECK OUT ALL OUR STUDENT ORGS HERE:



\*organizations are open to all students

A Geology student measuring strike and dip in a rock formation during Geosciences Field Camp.



# UNDERGRADUATE RESEARCH

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Undergraduate research gives our students insight into their futures and provides skills to succeed. It takes learning out of the classroom and puts the student in charge of their educational experience as they work closely with an experienced research scientist.

Our students immerse themselves in our natural world by researching biological diversity, soil science, rangeland ecology, stream ecology, and formations of rock, mountains, and glaciers.

# CSU OUTDOOR PROGRAM

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Warner Rams get involved in the Outdoor Program through the CSU Student Recreation Center to experience the many adventures Colorado has to offer. Through these expeditions you can learn to ski, snowshoe, rock climb and more.

To experience nature on your own or with friends, the Outdoor Program also provides rental outdoor gear such as sleeping bags, snowshoes, backpacks, and more, and can also provide guidebooks, maps, and advice for your next adventure.



Warner Rams heading for a hike to Cirque Meadows and Mummy Pass from the CSU Mountain Campus.

Mount Sneffels and fall aspen at first light from East Fork Dallas Creek, Uncompahgre National Forest.



# LEARNING IN THE LAB AND THE OUTDOORS

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Experiential learning is vital to students' success in Warner College because in order for our students to become natural resources professionals and leaders, they need practice with the tools and techniques of our trades. Warner College offers many valuable field-based learning and lab experiences.

While in the field or the laboratory, Warner College students utilize technology to enhance their skills as natural resource stewards. Students use computer programming, modeling, Geospatial Information Systems (GIS), big data management, and machine learning to evaluate their surroundings.



Warner Rams at Cirque Meadows, just below “the Mummy,” about 1.5 miles from the CSU Mountain Campus.

**THE MOUNTAIN CAMPUS EXPERIENCE**  
 In Warner College, the world is your classroom. Warner Rams can take advantage of our amazing location for learning, relaxation, and recreation. The CSU Mountain Campus and the wilderness that surrounds it stand out as a unique gem among the other beautiful natural wonders of Northern Colorado. Warner College enjoys a special relationship to the Mountain Campus, and many of our students get to call the campus home during a portion of their coursework at CSU. Our alumni who spent time there regularly offer unprompted love for the mountain campus because of the life-changing, enriching experiences they had there.

**DID YOU KNOW?**  
 At CSU Mountain Campus, you can go fishing, challenge yourself on a ropes course, play volleyball, go hiking, spend the evening with friends around a campfire, and so much more. Warner College of Natural Resources is developing the new Donald and Esther Harbison Research and Education Center on site. This new facility will add to the great campus environment and offer new classroom and research space for our Warner Rams and guests.

In 1917, the first forestry field course took place at CSU Mountain Campus. There was one student and one professor. Now we have 300 plus students, four full-time staff, and a team of seasonal staff who work on our campus each year.

**FIELD COURSES AT THE CSU MOUNTAIN CAMPUS**

- NR 220 | Natural Resources Ecology and Measurements**
- F 230 | Forestry Field Measurements**
- PHIL 345 | Environmental Ethics**
- FW111 | Basic Outdoor Skills in Fish, Wildlife, and Conservation Biology**

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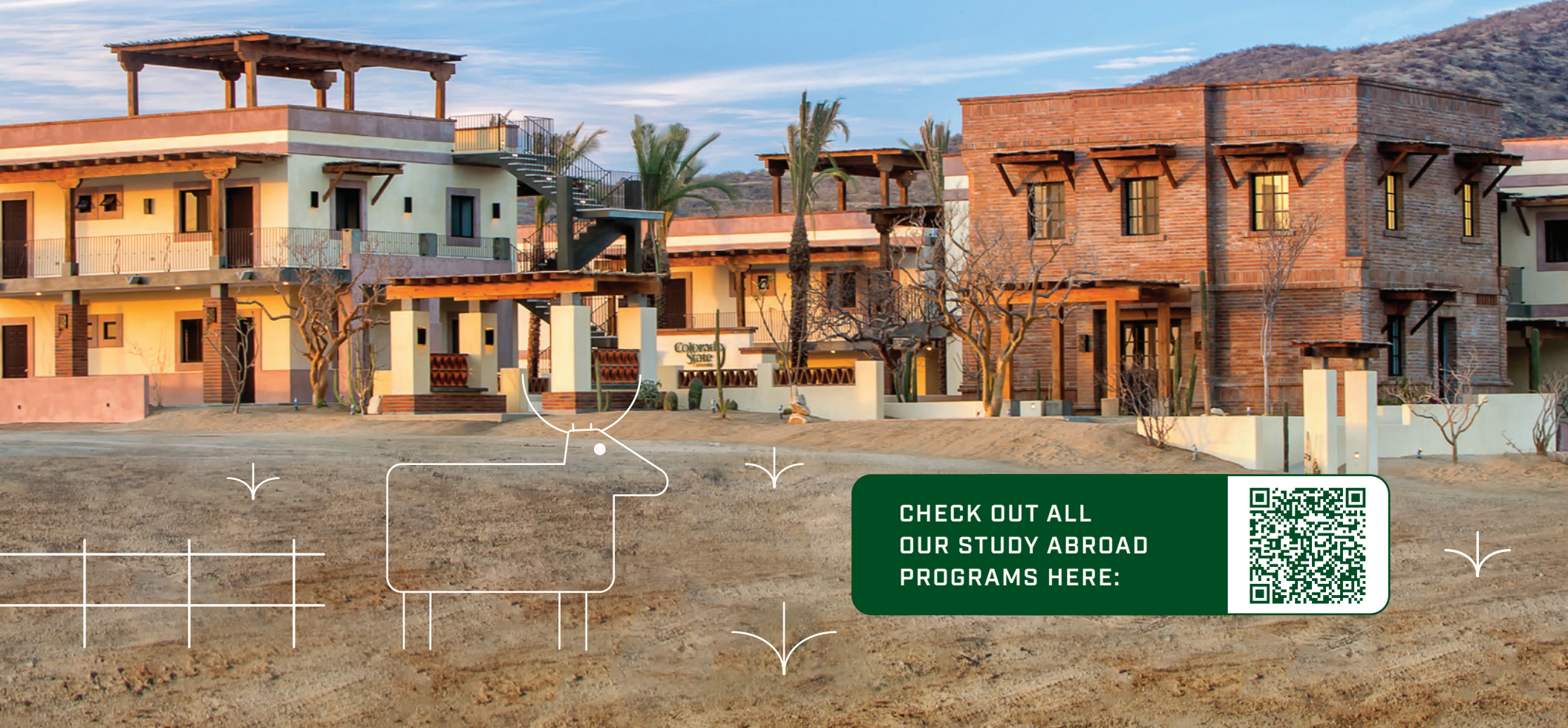
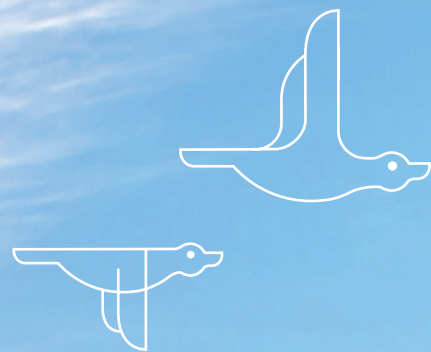
# RESIDENTIAL LEARNING COMMUNITIES

Residential Learning Communities support student leadership development in natural resources, sustainability, and outdoor leadership. They connect academic and social learning within the residence hall setting with the goal of enriching the learning experience for all participants. Students participate in professional development experiences that expand their knowledge and skills and allow them to explore careers in their fields of study.

A Warner Ram enjoying the High Ropes Course at CSU Mountain Campus.



The CSU Todos Santos Campus in Baja California Sur, Mexico.



CHECK OUT ALL  
OUR STUDY ABROAD  
PROGRAMS HERE:



# STUDY ABROAD

Warner students study abroad individually or as a part of our courses in amazing locations around the world. Students can even engage in wildlife courses at CSU's campus in Todos Santos, in Baja California Sur Mexico. Some students travel to Kenya or South Africa. There they can study conservation, field methods, and sustainability issues. Students participating in CSU's Education Abroad program can visit 80+ countries around the world.

The Living Wall in the Michael Smith Natural Resources Building.

# OUR MAJORS

Warner College's undergraduate programs are among the best in the nation. From conserving wildlife to outdoor recreation to managing forests, and much, much more, our college is sustaining our environment and supporting human livelihoods on many levels.

Fields of study in physical, biological, and social sciences revolving around the most critical environmental issues of our time are available in a variety of online and in-person formats. We offer advanced degrees ranging from traditional research-based programs to professional experiences.



## ECOSYSTEM SCIENCE AND SUSTAINABILITY

The demand for professionals who can understand and sustainably manage natural resources to benefit current and future generations is growing rapidly. Our program provides students with the knowledge and skills to integrate the latest science into real-world decision making.

With a multidisciplinary approach, students build a strong scientific foundation in ecosystem ecology integrated with a broad knowledge of the cultural, social, economic, and political issues that are shaping the issue of sustainability. Upper-level undergraduates can enhance their practical training by participating in internships, volunteer activities, co-operative educational opportunities, or summer jobs in Ecosystem Science and Sustainability.

### POTENTIAL CAREERS

- Corporate Sustainability Coordinator
- Environmental Consultant
- Environment and Energy Planner

### RELATED STUDENT ORGANIZATIONS

- Ecosystem Science and Sustainability (ESS) Club
- Watershed Club

### COMMON MINORS

- Ecological Restoration
- Political Science
- Geospatial Information Science
- Geology
- Watershed Science
- Conservation Biology

## FUN FACTS

### DID YOU KNOW?

Ecosystem Science and Sustainability offers many student professional development options for students.

These options include internships, undergraduate research, study abroad, and the CSU Mountain Campus Summer Field Course.

WHAT YOU STUDY





### CAREER READY RESOURCES

Our Warner College Career Services are a valuable resource for students to find their desired career path and prepare them for a rewarding career in Natural Resources.

### WHAT YOU STUDY

- HUMANS
- GRASSLANDS
- MINERALS
- AIR
- WILDLIFE
- RECREATION
- WATER
- TREES
- POLICY
- FOOD
- PLANTS
- GLACIERS
- MOUNTAINS
- FIRE
- SNOW
- SOIL
- ENERGY



A Warner College Student Ambassador greeting a visitor to the College's Student Success Center.

## JOHN AND DOLORES GOODIER Student Success Center

### ECOSYSTEM SCIENCE AND SUSTAINABILITY

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# FISH, WILDLIFE, AND CONSERVATION BIOLOGY

Our students learn to think critically about environmental issues and become ecologically literate citizens. This training helps them have successful careers with natural resource agencies, environmental consulting firms, and non-government organizations as well as in graduate programs. Our focus on lifelong learning enables our graduates to be good stewards of our nation's natural resources while solving complex environmental problems.

## CONCENTRATIONS

Conservation Biology  
Wildlife Biology  
Fisheries and Aquatic Sciences

## POTENTIAL CAREERS

District Wildlife Manager  
Endangered Species Specialist  
Fisheries Ecologist

## RELATED STUDENT ORGANIZATIONS

The Wildlife Society  
Americans Fisheries Society  
Society for Conservation Biology

## COMMON MINORS

Ecological Restoration  
Entomology  
Environmental Affairs  
Geospatial Information Science  
Global Environmental Sustainability  
Watershed Science  
Zoology



## FUN FACTS

### DID YOU KNOW?

Fish, Wildlife, and Conservation Biology has an international reputation for developing new quantitative methods in applied ecology and conservation biology.

Our faculty have worked to remediate the toxic effects of mining wastes, pesticides, and other contaminants in aquatic and terrestrial habitats and food webs.

WHAT YOU STUDY



# FOREST AND RANGELAND STEWARDSHIP

Clean air we breathe. Foods we eat. Fresh water we drink. These are the resources you support as a forest and rangeland steward. Forests and rangelands sustain the broad range of natural resources and ecosystems we rely on and enjoy every day. Diverse concentrations prepare you to understand and manage animal, soil, water, and vegetation resources on lands constantly changing through human use, wildland fire, disturbances, and climate change. Cultivate your curiosity and join a renowned CSU legacy always adapting to the needs of forest and rangeland stewardship.

## CONCENTRATIONS

Forest Biology  
Forest Fire Science  
Forest Management  
Rangeland and Forest Management  
Rangeland Conservation and Management

## RELATED STUDENT ORGANIZATIONS

Rangeland Ecology Club  
Society for American Foresters  
Society for Ecological Restoration  
Student Association for Fire Ecology  
Society of Women Environmental Professionals

## COMMON MINORS

Geospatial Information Science  
Conservation Biology  
Ecological Restoration

## POTENTIAL CAREERS

Forestry Technician  
Wildland Firefighter  
Arborist/Urban Forester  
Range Management Specialist  
Invasive Species  
Vegetation Manager



## FUN FACTS

### DID YOU KNOW?

Extensive field courses at CSU's Mountain Campus hone your forestry and rangeland ecology skills while you gain hands-on experience.

Our forestry and rangeland programs are accredited by the Society of American Foresters and the Society for Range Management, respectively.

WHAT YOU STUDY



# GEOLOGY

Unearth our planet’s geological, geophysical, hydrological, and environmental processes by developing and applying state-of-the-art scientific understanding, technologies, and methods. The program prepares students for engaging, satisfying, and societally relevant careers in water, energy, sustainable resources and natural hazards management, and many other areas of Geosciences.

The Geology major encompasses classroom, laboratory, and field education, culminating in a capstone five-week Geology Field Camp course in the Rocky Mountains.

## CONCENTRATIONS

- Geology
- Geophysics
- Environmental Geology
- Hydrogeology

## POTENTIAL CAREERS

- Environmental Geologist
- Economic Geologist
- Geomorphologist
- Geophysicist

## RELATED STUDENT ORGANIZATIONS

- Geosciences Club
- American Association of Petroleum Geologists Chapter
- Society of Economic Geologists Chapter

## COMMON MINORS

- Geospatial Information Science
- Ecological Restoration
- Watershed Science
- Mathematics

## FUN FACTS

### DID YOU KNOW?

Geology is commonly ranked as one of the most satisfying of STEM majors by students.

Many Geoscience majors add courses in Engineering and Watershed Sciences to broaden their career opportunities.

## WHAT YOU STUDY



# HUMAN DIMENSIONS OF NATURAL RESOURCES

Students in HDNR acquire the skills to envision a desired conservation outcome, and then design a plan and identify the steps needed to succeed.

The HDNR degree prepares students for a variety of jobs in conservation, with an emphasis on jobs that require strong interpersonal skills, leadership, and collaborating with people with diverse insights and opinions.

## POTENTIAL CAREERS

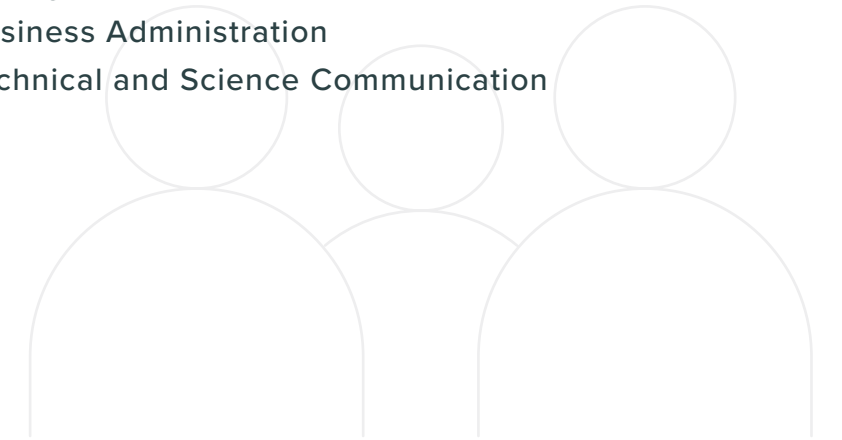
- Outreach/Communications Coordinator
- Park Ranger
- Sustainability Director
- Environmental Educator

## RELATED STUDENT ORGANIZATIONS

- Society for Conservation Biology
- Rams for the Boundary Waters and Wilderness Advocacy

## COMMON MINORS

- Conservation Biology
- Ecological Restoration
- Business Administration
- Technical and Science Communication



## FUN FACTS

### DID YOU KNOW?

1,600-acre mountain campus utilized for natural resource ecology measurement courses.

212- acre local learning lab at the Environmental Learning Center.

## WHAT YOU STUDY



# NATURAL RESOURCES MANAGEMENT

This interdisciplinary program provides a broad understanding of our interconnected social, political, and ecological systems. It also empowers students to address natural resource conservation and management challenges through designing sustainable solutions.

With theory and practice, students are a part of creating adaptive and resilient ecosystems amidst global scales of complexity and change. A minor is required for completion of this degree. Choose a minor within Warner College or across the university to enhance your knowledge and skills as a natural resources manager.

## POTENTIAL CAREERS

- Conservation Steward
- Natural Areas Manager
- Natural Resource Policy Advisor

## RELATED STUDENT ORGANIZATIONS

- Rangeland Ecology Club
- Society for Ecological Restoration
- Society of Women Environmental Professionals
- Society of American Foresters

## COMMON MINORS

- Geospatial Information Science
- Forestry
- Rangeland Ecology
- Conservation Biology
- Ecological Restoration
- Environmental Affairs
- Zoology



## FUN FACTS

### DID YOU KNOW?

A four-week summer field course at CSU's Mountain Campus is an unforgettable highlight of this major.

Students can expand global interest into their chosen specialization by studying or working abroad.

## WHAT YOU STUDY



# NATURAL RESOURCE TOURISM

NRT students gain a broad business-based education and develop the skills to manage recreation and nature-based tourism enterprises in the private, public, and non-profit sectors. With concentrations in Natural Resource Tourism, students will take courses in tourism management, marketing and planning, natural resources, tourism business, and the social sciences. Global Tourism students are also provided cross-cultural experience by learning a second language, studying abroad, and participating in an international internship.

## CONCENTRATIONS

- Natural Resource Tourism
- Global Tourism

## POTENTIAL CAREERS

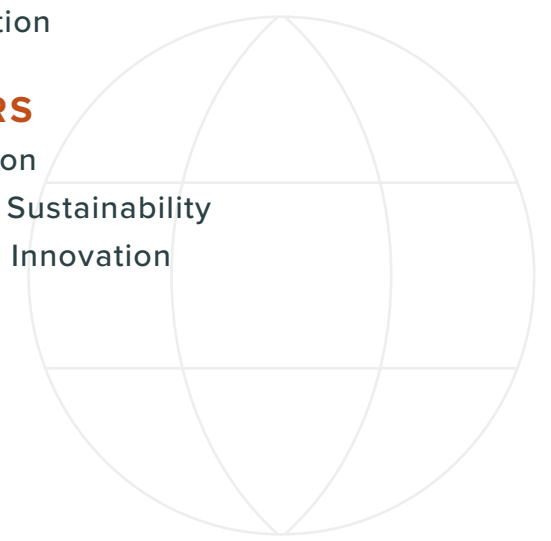
- Event Planner
- Marketing Manager
- International Resort Manager

## RELATED STUDENT ORGANIZATIONS

- CSU Tourism Association

## COMMON MINORS

- Business Administration
- Global Environmental Sustainability
- Entrepreneurship and Innovation
- Spanish



## FUN FACTS

### DID YOU KNOW?

Within the Warner College, more NRT students study and travel abroad than any other major.

Ninety-three percent of NRT graduates secured their First Destination plans (employment in their field, acceptance to a graduate degree program, etc.), 13 points higher than the national average.

## WHAT YOU STUDY



# RESTORATION ECOLOGY

We depend on our natural resources and our natural resources now depend on us. This major focuses on giving back to our natural world. Restoration ecology addresses the challenges of healing lands damaged by intensive human use and resource extraction such as mining, deforestation, and land fragmentation.

Students focus on soil, water, vegetation and animal resources to understand foundational ecological processes of forests and rangelands. Students will gain the knowledge and skills needed to restore the functions and aesthetics of damaged ecosystems for multiple uses such as recreation, wildlife habitat preservation, and timber production.

## POTENTIAL CAREERS

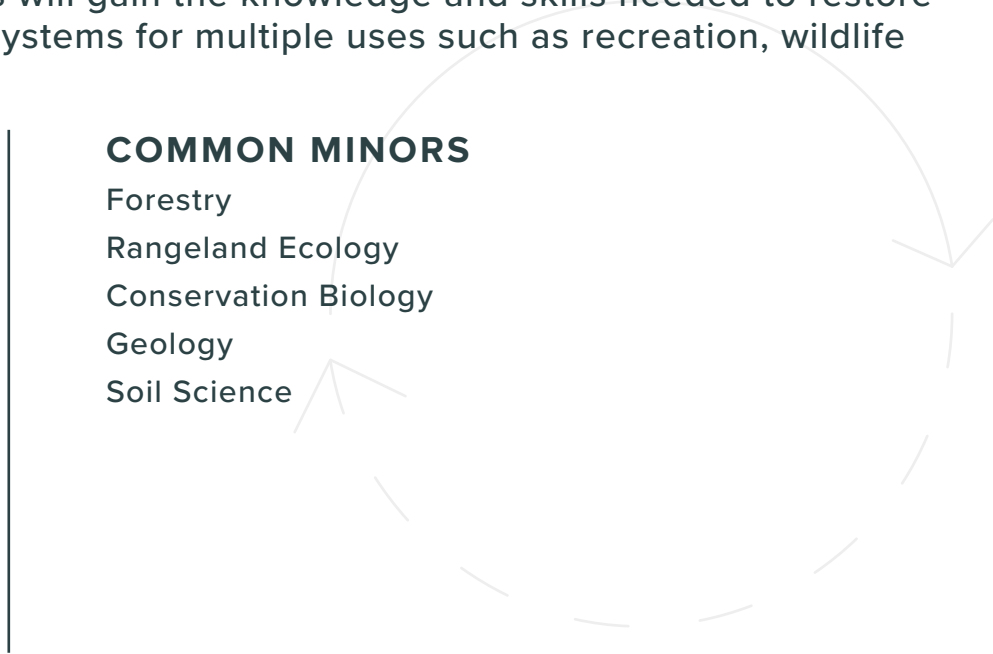
- Restoration Ecologist
- Wildlife Restoration Specialist
- Wildfire Restoration Specialist
- Restoration Program Manager

## RELATED STUDENT ORGANIZATIONS

- Society for Ecological Restoration
- Student Association of Fire Ecology
- Society of Women Environmental Professionals
- The Rangeland Ecology Club

## COMMON MINORS

- Forestry
- Rangeland Ecology
- Conservation Biology
- Geology
- Soil Science



## FUN FACTS

### DID YOU KNOW?

CSU has one of the few stand-alone Restoration Ecology majors in the nation.

The United Nations declared a decade of ecosystem restoration from 2021-2030. You can become part of a global movement.

## WHAT YOU STUDY



# WATERSHED SCIENCE

Water is essential for life, and communities around the world need professionals to help ensure access to a safe, secure water supply. Our graduates find jobs that help sustain Earth's water resources and reduce the ways society harms clean water sources.

The program capitalizes on its proximity to the Rocky Mountains, High Plains, and the intermontane basins of Colorado to give students unique educational opportunities in outdoor laboratories, traditional classrooms, and laboratory settings. Upper-level undergraduates can enhance their practical training by participating in internships, volunteer activities, co-operative educational opportunities, or summer jobs in watershed science.

## POTENTIAL CAREERS

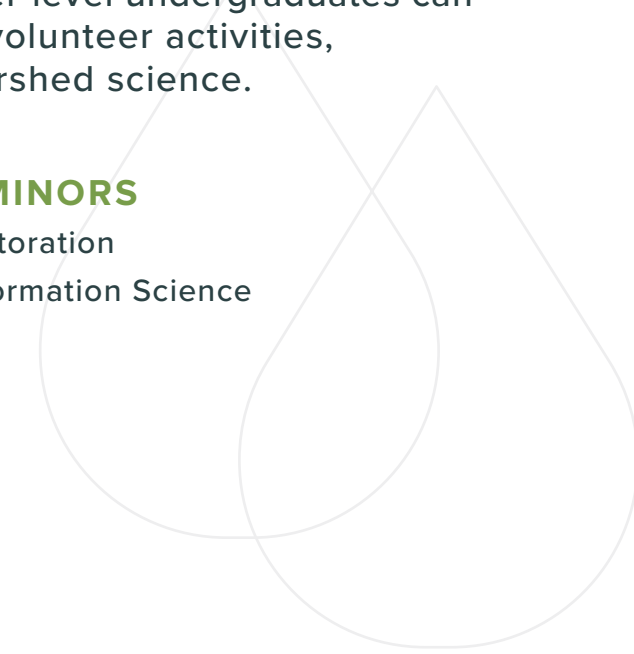
- Hydrologist
- Environmental Consultant
- Water Quality Analyst

## RELATED STUDENT ORGANIZATIONS

- Watershed Club
- Ecosystem Science and Sustainability (ESS) Club

## COMMON MINORS

- Ecological Restoration
- Geospatial Information Science
- Geology



## FUN FACTS

### DID YOU KNOW?

You will get your feet wet when you explore all of Colorado water resources.

The Watershed Science Practicum is an immersive field experience allowing students to explore a variety of Colorado ecosystems and watersheds.

## WHAT YOU STUDY



# OUR MINORS



**GEOLOGY**



**GEOSPATIAL INFORMATION SCIENCE FOR NATURAL RESOURCES**



**ECOLOGICAL RESTORATION**



**RANGELAND ECOLOGY**



**FORESTRY**



**WATERSHED SCIENCE**



**CONSERVATION BIOLOGY**



**DIVERSITY AND INCLUSION IN NATURAL RESOURCES**



## OUR PLACES

### FORT COLLINS, COLORADO

#### OUTDOOR ADVENTURE PARADISE

Fort Collins has much to offer when it comes to engaging with the outdoors. The local activities range from hiking and mountain biking to rock climbing and stand-up paddle boarding. Locals get to enjoy 50 parks and 280-plus miles of trails, including paved and unpaved walking and biking trails.



### WARNER COLLEGE COMMUNITY SPACES

Michael Smith Natural Resources Building

Sherwood Forest

Forestry Building

Wagar Building

Natural Environmental Sciences Building

Mountain Campus



### BRIEF HISTORY OF THE CAMPUS:

Colorado State University's origins date back to 1870, when the institution was founded as the Agricultural College of Colorado. The doors first opened to students in 1879. From these roots, a world-class campus grew. Today, CSU has nearly 27,000 undergraduate students and is a Carnegie Class 1 research institution with annual research expenditures topping \$400 million, more than a quarter of which comes from research and engagement in Warner College of Natural Resources. The university has approximately 1,550 faculty in eight academic colleges and 55 academic departments and celebrates more than 170,000 living alumni.



## STAY IN TOUCH WITH WARNER

**JAKE AGLIETTI** | RECRUITMENT AND ENGAGEMENT COORDINATOR

**EMAIL** | [jake.aglietti@colostate.edu](mailto:jake.aglietti@colostate.edu) **PHONE** | (970) 491-4994

**WEBSITE** | [warnercnr.colostate.edu/future-students](http://warnercnr.colostate.edu/future-students)

**FACEBOOK** | WARNER COLLEGE OF NATURAL RESOURCES

**INSTAGRAM** | [@csuwarnercollege](https://www.instagram.com/csuwarnercollege) **TWITTER** | [@warnercollege](https://twitter.com/warnercollege)