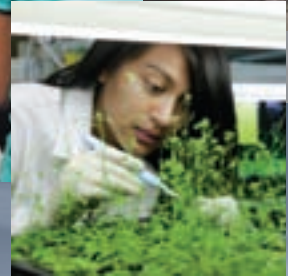
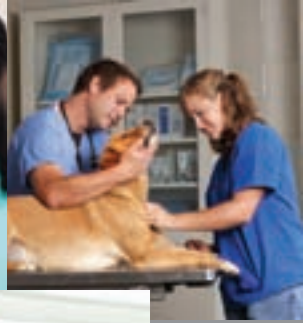


# THE DISCOVERY BEGINS...



College of Agriculture, Biotechnology  
and Natural Resources  
University of Nevada, Reno



# Meet Your Match...

CABNR's interactive Major Matcher can help students find their dream career.



## WHAT'S THE MOST IMPORTANT MATCH YOU'LL MAKE IN YOUR FUTURE?

It's your major and career, and the College of Agriculture, Biotechnology and Natural Resources has developed a new tool that allows you to match your interests to your future career and degree.

The CABNR Major Matcher is an easy-to-use, online tool that allows you first to choose an interest in helping people, caring for animals or working outdoors, and then to explore career options and degree paths based on those selections. You'll also get a snapshot of what these various careers entail.

Visit [www.cabnr.unr.edu](http://www.cabnr.unr.edu) today, then look for the "Major Matcher" icon and begin exploring!

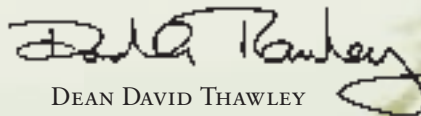


## Welcome to the College of Agriculture, Biotechnology and Natural Resources!

We realize that given our college's 12 degree options and five departments, CABNR offers a diversity of educational pursuits and career tracks. So if you're feeling confused by it all, everything should boil down to this: Pick your passion.

When you're deciding what to do with your life, study something about which you are truly excited, because what could be better than being paid eight hours a day for the rest of your life for doing something you love to do? And in CABNR, we have students who are passionate about three different fields: helping people, caring for animals and/or working outdoors. The following pages will explore these topics in more depth and give you insight into how you can apply your passion for people, animals or the outdoors and translate that passion into an amazingly successful career.

So read on, and please take advantage of the seemingly endless information available at [www.cabnr.unr.edu](http://www.cabnr.unr.edu). And remember to pick your passion. You'll be glad you did.



DEAN DAVID THAWLEY



PEOPLE



ANIMALS



OUTDOORS

# Pick your PASSION >>>

IMPORTANT ADVICE TO BE SURE, but how can the College of Agriculture, Biotechnology and Natural Resources help you do this?

We have found that our students and graduates are passionate about three areas: They want to help people and improve society through innovation and research; they want to care for animals, making life better for those living in our homes, on the farm or in the wild; and they want to work in

the outdoors, helping to manage our natural resources and improve the environment.

A degree from CABNR will help prepare you for a successful, rewarding career in the emerging areas of medicine, biotechnology, biochemistry, natural resource management, nutrition and economic development. A CABNR degree will help you live your passion and make a difference personally and professionally.

Read on to explore the possibilities.

# Why CABNR?

Opportunities abound for you, and the choice of your college is critical. So why should you choose UNR's College of Agriculture, Biotechnology and Natural Resources? Here are a few highlights:

- **Scholarships:** Almost a quarter of a million dollars is awarded annually to qualified CABNR students.
- **Research:** Last year, our faculty received millions of dollars for research, giving students unparalleled access to practical and engaging research lab experiences and hands-on faculty mentorship opportunities.
- **Resources:** CABNR offers an easy-to-use, interactive Major Matcher at [www.cabnr.unr.edu](http://www.cabnr.unr.edu). Explore the options for your future career and major by seeing how your interests match with our offerings.
- **Internships:** Many of our programs offer students valuable internship opportunities working for state or private agencies.
- **Employment:** Our graduates have access to a multitude of in-demand, high-paying fields.
- **Facilities:** CABNR students have access to state-of-the-art research laboratories; the brand-new, high-tech Nevada Greenhouse Complex; and field stations located throughout the state.
- **Faculty:** The vast majority of CABNR classes are taught by professors, not teaching assistants. Our students report that CABNR faculty are among the most engaged, passionate professors they've encountered on campus.
- **Success:** In the past five years, half of the University's top graduating students have come from CABNR alone.
- **Opportunities:** Our majors prepare students for immediate employment in their fields of interest, or our students choose to continue on to graduate school, medical school, veterinary college, dentistry school or pharmacy school.



**PASSION FOR PLANTS >>**

CABNR graduate student Raysa Roque and Environmental Science undergraduate Michael Koch, Jr. study plants in the brand-new, state-of-the-art Nevada Greenhouse Complex.



# CABNR Degrees

## Earn a Bachelor of Science with a major in:

### ■ **Agriculture and Applied Economics:**

Emphasizes strong economic and statistical analysis skills relating to agriculture, energy and trade, leading to versatile career options such as law, business, banking and sales.

### ■ **Animal Biotechnology:** Provides a strong science background with an emphasis on stem cell research and genetic engineering. Great preparation for graduate or professional health schools.

### ■ **Animal Science:** Emphasizes domestic animal biology and care; leads to careers in animal production, management, research or agribusiness.

#### **Rangeland Livestock Production**

**Specialization:** Leads to careers in rangeland management and ranch management with emphasis on animal and plant community ecology.

### ■ **Biochemistry and Molecular Biology:**

Provides a strong education in basic science and study of molecular processes of living organisms, preparing students for immediate careers in biotech industries or forensics; senior research project is a highlight. Also prepares students for ongoing education in professional health and graduate schools.

### ■ **Ecology:** Concentrates on surface water issues and the plants and animals that depend upon it and ecology. Many students go on to work as a hydrologist, managing one of the world's most important and imperiled natural resources.

### ■ **Environmental and Resource Economics:** Examines economics and management relating to environmental and natural resource issues; versatile career options in government, business, environment, law and non-governmental organizations.

### ■ **Environmental Science:** Addresses conservation, pollution and remediation of air, soil and water and climate change; great preparation for a variety of jobs in urban or wildland settings, helping preserve the earth and its ecosystems.

### ■ **Forest and Rangeland Management:**

Includes topics such as wildfire, invasive species and climate change. Prepares students for diverse careers in natural resource management in the public or private sector.

#### **Forest Management Specialization:**

Focuses on ecology and sustainable management of forested ecosystems; study and work in the mountains.

#### **Rangeland Management Specialization:**

Focuses on ecology and sustainable management of rangeland ecosystems; study and work in wide-open spaces.

### ■ **Nutrition:**

**Dietetics Specialization:** This accredited program teaches scientific nutritional principles in preparation for a career in clinical or community nutrition; mandatory internship and national exam required for Registered Dietician (R.D.).

**Nutritional Sciences Specialization:** Gives students a strong basic and nutritional science background, preparing them for professional health schools or graduate school.

### ■ **Veterinary Science (Pre-vet):** Provides directed preparation for most vet schools; emphasis on basic and animal sciences.

### ■ **Wildlife Ecology and Conservation:** Studies the biology, ecology and conservation of wildlife, giving students insight into the management, restoration and conservation of wildlife in future careers with governmental and non-governmental organizations.

### ... or a **B.S./M.S. interdisciplinary degree**

**in Biotechnology:** 5-year program including internship; students apply as juniors. Open to Animal Biotechnology, Biochemistry and Molecular Biology or Biology majors; includes experiences in many faculty labs across campus. This degree prepares students for immediate employment in the biotech industry or further education in graduate studies and professional schools.



**WELLNESS WORKER >>** CABNR graduates can pursue a variety of careers that help improve the human condition, working as doctors, dentists, cancer researchers, dieticians and more. Here, CABNR graduate and current Nevada Medical School student Anneka Hooft practices her bedside manner with 8-year-old Elena Shintani.

## Passionate About Helping People?

**D**o you find yourself drawn to the concept of helping people through your future career? Do you look forward to a lifetime of caring for patients, investigating crimes, improving the human condition or curing diseases? If so, CABNR has the education for you.



**THE RIGHT MIX** >> With so many careers to choose from, CABNR can help put students on the path to success.

the human condition through research, application and innovation.

If you are considering a career helping people, visit CABNR's interactive Major Matcher at [www.cabnr.unr.edu](http://www.cabnr.unr.edu) and see which degrees will help you fulfill your passion.

Our graduates are helping people daily through their work as physicians, dentists, pharmacists, cancer researchers, forensic scientists, sports nutritionists, economists, lawyers, bankers and more. They are working to improve



ALUMNUS PROFILE >>>

## Vernon Miller

CHEMISTRY LAB SUPERVISOR  
NEVADA STATE HEALTH LAB

Vernon Miller always has shown an unwavering commitment to the task at hand.

As an undergraduate biochemistry major in CABNR, he worked full time for the Department of Agriculture.

"That was a challenge, balancing school and work," he said. "But everyone in CABNR was so helpful, and they did all they could to make sure I would succeed."

And succeed he did. He became senior petroleum chemist with the Department of Ag, in charge of conducting fuel testing for the state and working with CABNR faculty member Glenn Miller on biodiesel research.

He then saw an opportunity to work in the State Health Lab, where he supervises a staff of technicians and analysts who test drinking water.

"My education in CABNR totally prepared me for this work, especially the senior thesis," he said. "I still talk to a lot of the people I met during my program, and I consider them friends and mentors."

Miller is a marathon runner, a dad to "the world's two most beautiful children," husband to a successful attorney and a lifelong learner.

"Growing up, I always wanted to go to medical school, and I watched many of my fellow biochem students do just that," he said. "In fact, that's still on my mind. I'm always looking for the next challenge."

### Potential People Careers:

- Agribusiness executive
- Biochemist
- Biomedical researcher
- Biotechnologist
- Commodity trader
- Conservation officer
- Dentist
- Doctor
- Economist
- Energy analyst
- Environmental lawyer
- Financial analyst
- Food scientist
- Forensic scientist
- Game warden
- Genetic engineer
- Land-use planner
- Molecular biologist
- Optometrist
- Park ranger
- Patent attorney
- Pharmacist
- Pharmacologist
- Physical therapist
- Physician
- Public policy planner
- Real-estate analyst
- Registered dietitian
- Sales representative
- Science writer
- Sports nutritionist
- Statistician
- Stem cell researcher
- Teacher



**LENDING A HELPING PAW** >> Earning a degree through CABNR can help you find a well-paying career working with animals. Here, CABNR's Dr. Mike Teglas counsels a canine patient, Reno resident Lucy.

## Passionate About Caring for Animals?

**D**o you love animals? Would you rather hang out with your four-legged friends than the two-legged variety? Then CABNR has the degree for you.

Earning a degree through CABNR will prepare you to care for animals in your future career, careers with titles such as veterinarian, wildlife biologist, ranch manager and more. Our alum are in well-paying positions doing what they love most.



If you're considering a career caring for animals, visit CABNR's interactive Major Matcher at [www.cabnr.unr.edu](http://www.cabnr.unr.edu) and see which degrees will help you fulfill your passion.



STUDENT PROFILE >>>

## Tessa Sustacha

JUNIOR  
ANIMAL SCIENCE MAJOR  
WILDLIFE ECOLOGY MINOR

Growing up on a ranch in Lamoille, Nev., Tessa Sustacha learned from an early age to foster her passion for caring for animals.

And for her, fostering that passion as a college student means pursuing a CABNR degree in animal science, as she hopes one day to be a veterinarian in her home state.

"I love working with animals," Sustacha said. "And I have loved my experiences in CABNR. There's such a strong sense of community in this college. The students and professors are all so helpful, and it's obvious everyone is dedicated to student success."

In addition to studying in CABNR classrooms, Sustacha has practiced the skills that she learns in books and through lab experiences at her job working as a veterinary assistant at Reno's Truckee Meadows Veterinary Hospital.

"I do everything to help out — preparing animals for surgery, holding them during procedures, taking care of their needs while they're there, assisting the veterinarians and more," she said. "It's an amazing experience."

Her advice to future CABNR students: Be open to new experiences, meeting new people and asking for help.

"And keep in mind that regardless of your background, all you need is passion to allow you to succeed in CABNR," she said.

### Potential Animal Careers:

- Agribusiness executive
- Animal nutrition specialist
- Animal scientist
- Biochemist
- Biotechnologist
- Conservation officer
- Conservationist
- Farm/Ranch manager
- Game warden
- Horse trainer/breeder
- Science writer
- Teacher
- Veterinarian
- Wildlife biologist
- Wildlife manager

*"Working on CABNR'S farm has allowed me incredible hands-on experience, which is so important for any field."*

— Carolyn Meier  
CABNR undergraduate,  
Animal Science Major



### TENDING THE HERD >>>

Students who adore animals are flocking toward careers as veterinarians, animal scientists and wildlife managers.



**OUTDOOR OFFICE** » If you love working outdoors, CABNR can guide you to a rewarding career. Graduates have gone on to become wildlife biologists, foresters, rangeland conservationists and ecologists.

## Passionate About the Outdoors?

**D**o you see yourself in the future with the vast outdoors as your office space? Can you imagine nothing better than a day spent hiking through mountains, taking samples from streams or rivers or conducting research in the forest? If so, a degree from CABNR is a perfect fit.

Our students are making their marks in the professional world as foresters, range conservationists, ecohydrologists, environmental consultants and more. They are helping to protect the environment, manage our natural resources and ultimately make the

future a brighter one.

If you are considering a career working in the outdoors, visit CABNR's interactive Major Matcher at [www.cabnr.unr.edu](http://www.cabnr.unr.edu) and see which degrees will help you fulfill your passion.



FACULTY PROFILE >>>

**Sudeep Chandra**

ASSISTANT PROFESSOR OF LIMNOLOGY

**Zeb Hogan**

ASSISTANT RESEARCH PROFESSOR

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL SCIENCE

Two CABNR researchers are spearheading a global effort with a significant partner: the National Geographic Society.

The effort, led by CABNR researchers Sudeep Chandra and Zeb Hogan, centers on groundbreaking scientific adventure to find the world's largest freshwater fish.

The duo is exploring rivers and lakes around the world for fish such as the Mekong giant catfish, which is listed by The Guinness Book of World Records as the Earth's largest freshwater fish. Some grow to 10 feet in length and weigh more than 600 pounds.

Chandra and Hogan, together with Nevada students, are working with a network of other scientists in more than a dozen countries to identify and investigate these fish to determine why their numbers are declining.

Hogan said that the project adds a global perspective to what students at the university study in class.

"People, when they send their kids to the university, want them to learn what's going on locally and in the Great Basin," he said. "But they also want them to be able to learn about what's going on globally."

**Potential Outdoor Careers:**

- Climate change biologist
- Conservation officer
- Conservationist
- Ecologist
- Environmental consultant
- Environmental lawyer
- Farm/Ranch manager
- Forester
- Game warden
- Hydrologist
- Land-use planner
- Park ranger
- Pollution specialist
- Public-policy planner
- Rangeland conservationist
- Science writer
- Soil scientist
- Teacher
- Wildfire specialist
- Wildlife biologist
- Wildlife manager



**FIELD EXPERIENCE >>**

CABNR students spend a lot of time outside the classroom gaining practical experience. Here, CABNR faculty Kelley Stewart, together with Wildlife Ecology and Conservation students Chris McVicar and Nova Simpson, demonstrate the tools of their trade — radio telemetry equipment used to track wildlife.

*“The duck capture in Kelley Stewart’s class was by far the best hands-on experience I’ve had in college.”*

— **Chris McVicar**, CABNR undergraduate, Wildlife Ecology & Conservation Major

[ UNIVERSITY OF NEVADA, RENO ]

# ANIMAL BIOTECHNOLOGY



**HIGHER CALLING >>**

CABNR student Tessa Sustacha works with a bovine friend at the college's Main Station Farm, which has more than 1,000 acres of land dedicated to teaching and research.

Animal and human health and welfare are fundamentally important concepts, and this department is committed to educating students about caring for animals and improving the human condition. Whether assuring a safe food supply or working to develop a cure for hemophilia, the Department of Animal Biotechnology serves people locally and globally through its innovation and research.

Ultimately, the education received in animal biotechnology and veterinary medicine contributes to a better understanding of all species – including humans – as well as the health of our environment.

A degree from the department of Animal Biotechnology will prepare you for one of the fastest-growing and most innovative fields in modern science. Our graduates have numerous career opportunities in the growing biotechnology industry. Many graduates also choose to continue their education and attend graduate or professional studies in biotechnology, veterinary medicine or human medicine.

**A degree from the Animal Biotechnology department will prepare you to become:**

- ANIMAL NUTRITION SPECIALISTS
- ANIMAL PATHOLOGISTS
- ANIMAL SCIENTISTS
- BIOMEDICAL RESEARCHERS
- BIOTECHNOLOGISTS
- DENTISTS
- FORENSIC SCIENTISTS
- GENETIC ENGINEERS
- MOLECULAR BIOLOGISTS
- OPTOMETRISTS
- PATENT ATTORNEYS
- PATHOLOGISTS
- PHARMACEUTICAL SALES REPS
- PHARMACISTS
- PHYSICIANS
- SCIENCE WRITERS
- STEM CELL RESEARCHERS
- TEACHERS
- VETERINARIANS



**ANIMAL BIOTECHNOLOGY >>**

The Department of Animal Biotechnology serves people locally and globally through its innovation and research. CABNR students have hands-on, practical experience and also conduct cutting-edge research.

## Our students:

- 1 Want to help people and/or work with animals
- 2 Enjoy science, research and computer work
- 3 Learn in a hands-on, laboratory setting
- 4 Want to be on the cutting edge of science
- 5 Are interested in genetic study and solving health issues for humans and animals

## THE FACTS

In this department, you can earn a Bachelor of Science with a major in:

- >> **Animal Biotechnology**
- >> **Animal Science**  
(WITH AN OPTION IN RANGELAND LIVESTOCK PRODUCTION)
- >> **Pre-Veterinary Science**

For more information about CABNR's Animal Biotechnology department, visit: [www.cabnr.unr.edu/ab](http://www.cabnr.unr.edu/ab)

[ UNIVERSITY OF NEVADA, RENO ]

# BIOCHEMISTRY & MOLECULAR BIOLOGY



**SCIENTIFIC DISCOVERY >>**

CABNR undergraduate student Leigh Armijo works in Dr. Ron Mittler's laboratory.

Students in CABNR's Department of Biochemistry and Molecular Biology are learning about the molecules that make up life – from the very smallest of particles such as ATP to the complexity of the human genome. They learn how genes work, and they understand, on a molecular level, what exactly makes our species unique. An education in this department will prepare you for one of the fastest-growing fields in modern science and is excellent preparation for medical, dental, pharmacy and graduate school.

As a student in Biochemistry and Molecular Biology, you will have a hands-on role in research and laboratory work, as our program offers lab training experiences beyond those found at most universities. All of our seniors spend two semesters working in a research laboratory for their senior thesis research project. Even before their senior year, many of our students will have become active members of our research laboratories.

These experiences will give you an edge when it comes to applying for further education or

for that dream job. Some of our graduates go on to pursue M.S. and Ph.D. degrees in other life-science disciplines that require scientific research. Others go to professional and graduate schools, and still others seek immediate employment in biotechnology or other science-related fields.

**A degree from the Biochemistry and Molecular Biology Department will prepare you to become:**

- BIOMEDICAL RESEARCHERS
- BIOTECHNOLOGISTS
- DENTISTS
- FOOD SCIENTISTS
- FORENSIC SCIENTISTS
- GENETIC ENGINEERS
- MOLECULAR BIOLOGISTS
- OPTOMETRISTS
- PATHOLOGISTS
- PHARMACEUTICAL SALES REPS
- PHARMACISTS
- PHYSICIANS
- SCIENCE WRITERS
- STEM CELL RESEARCHERS
- TEACHERS
- VETERINARIANS



**BIOCHEMISTRY AND MOLECULAR BIOLOGY >>**

As one of the fastest-growing fields in modern science, biochemistry gives students the opportunity to pursue careers as doctors, dentists, forensic scientists and biomedical researchers.

## Our students:

- 1 Want to help people and/or work with animals
- 2 Enjoy science, medicine, research and computer work
- 3 Learn hands-on skills that can be applied in practice or in a laboratory setting
- 4 Want to be on the cutting edge of science
- 5 Are interested in genetic study of animals and plants
- 6 Hope to solve health issues for humans and animals

## THE FACTS

In this department, you can earn a Bachelor of Science with a major in:

**>> Biochemistry and Molecular Biology**

For more information about CABNR's Biochemistry and Molecular Biology department, visit: [www.cabnr.unr.edu/bmb](http://www.cabnr.unr.edu/bmb)

[ UNIVERSITY OF NEVADA, RENO ]

# NATURAL RESOURCES & ENVIRONMENTAL SCIENCE

## LEARNING AT 10,000 FEET >>

Students in Natural Resources and Environmental Science often find their classrooms to be the great outdoors, like they did on this field trip in Dr. Kurt Pregitzer's Range and Forest Plants class.



With the large number of outdoor opportunities near Reno – including the Sierra Nevada, Lake Tahoe and Pyramid Lake, as well as the spectacular mountain ranges throughout Nevada – CABNR is the perfect place to learn about natural resources and the environment.

Faculty and students in NRES address how human communities and individuals interact with their environments and how collectively we can best manage the resources and ecological services provided by our shared environment for a sustainable future.

Whether studying the ecology, resources and landscapes of rural regions of the Intermountain West or the rapid urban development characteristic of larger cities – and the subsequent increased demands for land, water and power – NRES students learn about the delicate balances of an ever-changing environment.

Additionally, our research and teaching interests reach out of the West to global locations such as Alaska, Mexico, Brazil, Mongolia, Uzbekistan, Siberia and Antarctica.

### In the Natural Resources and Environmental Science Department, our students become:

- ANIMAL PATHOLOGISTS
- ANIMAL SCIENTISTS
- CONSERVATION OFFICERS
- CONSERVATIONISTS
- ECOLOGISTS
- ENVIRONMENTAL CONSULTANTS
- ENVIRONMENTAL LAWYERS
- FIELD ECOLOGISTS
- HYDROLOGISTS
- NGO EMPLOYEES
- PARK RANGERS
- PLANT ECOLOGISTS
- POLLUTION SPECIALISTS
- PUBLIC POLICY/LAND-USE PLANNERS
- RANGELAND CONSERVATIONISTS
- SCIENCE WRITERS
- TEACHERS
- WILDLIFE ECOLOGISTS
- WILDLIFE REFUGE MANAGERS
- CLIMATE CHANGE BIOLOGISTS
- WILDFIRE SPECIALISTS
- FORESTERS
- REAL ESTATE ANALYSTS
- SOIL SCIENTISTS



#### NATURAL RESOURCES AND ENVIRONMENTAL SCIENCE >>

At top, graduate student Sarah Kulpa studies native and invasive grasses with Dr. Beth Leger. Above, Dr. Mae Gustin is world renowned in mercury and arsenic contamination studies.

## Our students:

- 1 Want to work outdoors, protect the environment, help people and/or care for animals
- 2 Enjoy topics such as global climate change, pollution, urbanization and the sustainable use of natural resources
- 3 Learn hands-on skills that can be applied to wildlife and natural ecosystem conservation, sustainability, and restoration of forests and rangelands

### THE FACTS

In this department, you can earn a Bachelor of Science with a major in:

- >> Ecohydrology
- >> Environmental Science
- >> Forest and Rangeland Management
- >> Wildlife Ecology and Conservation

For more information about CABNR's Natural Resources and Environmental Science Department, visit: [www.cabnr.unr.edu/nres](http://www.cabnr.unr.edu/nres)

[ UNIVERSITY OF NEVADA, RENO ]

# NUTRITION



**IN FOCUS »**

Senior Nutrition student Rachael Tateo is working on an Honors Thesis investigating Omega-3 Fatty Acids and their impact on cancer cells.

The media is focused on it. Parents fixate about it. And those of us striving to be healthy keep it in mind on a daily basis. Nutrition is a hot topic these days, making CABNR's nutrition department a popular choice for students wishing to contribute to human wellness in a positive way.

The nutrition major offers two tracks of study: Dietetics, which prepares students for a career as a registered dietician; or Nutritional Science, which is for students who wish to pursue graduate work in a related field or go on to a professional school such as medical, pharmacy, dental school and more, or who will seek employment in research and industry.

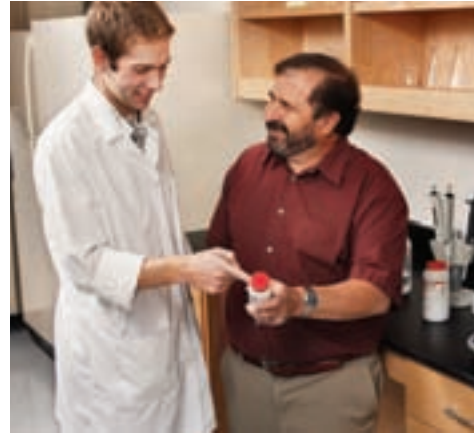
Many nutrition majors get clinical-experience hours incorporated into their

coursework. Students will make use of a strong science background that will support research skill development.

Additionally, many opportunities are available for undergraduates to participate in research with our renowned faculty.

### In the Nutrition Department, our students become:

- PHYSICIANS
- REGISTERED DIETITIANS
- DENTISTS
- PHARMACISTS
- BIOMEDICAL RESEARCHERS
- FOOD SCIENTISTS
- OPTOMETRISTS
- PHYSICAL THERAPISTS
- SPORTS NUTRITIONISTS
- STEM CELL RESEARCHERS
- ANIMAL NUTRITION SPECIALISTS
- MOLECULAR BIOLOGISTS
- PATENT ATTORNEYS
- PATHOLOGISTS
- PHARMACEUTICAL SALES REPS
- PHYSIOTHERAPISTS
- SCIENCE WRITERS
- TEACHERS
- HUMAN NUTRITION SPECIALISTS



#### NUTRITION >>

Top: Dr. Chris Pritsos and undergraduate student Mark Lamborn discuss their research. Above: Karen Spears organizes a community garden project with young students in Northern Nevada.



## Our students:

- 1 Want to help people
- 2 Enjoy science, medicine and/or research
- 3 Learn hands-on skills that can be applied in practice or in a laboratory setting
- 4 Are interested in resolving health issues for humans

## THE FACTS

In this department, you can earn a Bachelor of Science with a major in:

### >> Nutrition

(Dietetics Option)

### >> Nutrition

(Nutritional Science Option)

For more information about CABNR's Nutrition Department, visit: [www.cabnr.unr.edu/nutrition](http://www.cabnr.unr.edu/nutrition)

[ UNIVERSITY OF NEVADA, RENO ]

# RESOURCE ECONOMICS



**GO WITH THE FLOW >>**

Students and faculty from Resource Economics helped analyze the potential economic impact of the now-successful Truckee River Whitewater Park on Washoe County's economy.

If someone were to ask you what natural resources are financially worth to Nevadans – or to Americans – could you answer that question? This is the type of question being asked daily of and by students in CABNR's Resource Economics Department.

In Resource Economics, students are trying to identify a balance between the needs and wants of society – topics such as recreational access to lakes and forests, clean water, abundant wild animals, profitable agriculture and more – and the associated costs of these natural resources. Their work involves statistical analysis, practical application of economic principles, an overriding appreciation for the environment and creativity.

Ultimately, our students are asked to weigh the costs and benefits along with the pros and cons of natural resource policy. They are in the field conducting surveys, in the lab evaluating results and in the streets attempting to answer some of the overriding questions about economic development.

Professionally, they play an important part in natural resource policy, often lending expert policy advice to city, state and national entities.

Students in CABNR's Resource Economics Department are well-prepared to enter a number of high-paying careers or proceed to graduate school or law school. They are studying in a nationally ranked department and learning daily from its world-class faculty.

**In Resource Economics, our students become:**

- AGRIBUSINESS EXECUTIVES
- COMMODITY TRADERS
- ECONOMISTS
- ENERGY ANALYSTS
- FINANCIAL ANALYSTS
- NGO EMPLOYEES
- PUBLIC POLICY/LAND USE PLANNERS
- REAL ESTATE ANALYSTS
- STATISTICIANS
- TEACHERS
- ECONOMIC DEVELOPMENT CONSULTANTS



**RESOURCE ECONOMICS >>**

Students study the benefits and costs of rangeland fire mitigation and the profitability of traditional and alternative agricultural production.

## Our students:

- 1 Want to help people, care for animals and/or work to help the environment
- 2 Enjoy math and problem-solving, but also consider themselves creative
- 3 Appreciate the environment and natural resources
- 4 Have a desire to analyze, plan and/or manage
- 5 Are interested in business, marketing, finance and economic development

## THE FACTS

In this department, you can earn a Bachelor of Science with a major in:

- >> Agriculture and Applied Economics
- >> Environmental and Resource Economics

For more information about CABNR's Resource Economics Department, visit: [www.cabnr.unr.edu/re](http://www.cabnr.unr.edu/re).

# [ STUDENT LIFE ]



## CABNR's backyard

If you're a CABNR student, chances are you are passionate about the outdoors.

Our students take advantage of the wide variety of recreational opportunities that surround them in Reno, Sparks, Lake Tahoe and beyond. Weekend highlights might include day trips, mountain biking, hiking, boating, kayaking, tubing the Truckee, skiing or golfing.

During the week, students play intramural and club sports. They gather with friends at local hangouts, take part in a spontaneous game of football on the historic quad or join peers in one of the many service club activities.

*For more information about UNR student life, visit [www.cabnr.unr.edu](http://www.cabnr.unr.edu) and click "Campus Life."*



### WEEKEND OUTINGS >>

The University of Nevada, Reno, is close to many outdoor recreational locations, including Lake Tahoe, the Truckee River and the Tahoe Rim Trail.





# Clubs and Organizations

Your CABNR experience is heightened by participation in one of the many clubs and organizations catering to your areas of interest. Among them:

- 1 Alpha Zeta
- 2 Biochemistry and Molecular Biology Club
- 3 Cast and Blast Outdoors Club
- 4 Ecohydrology Club
- 5 Pre-Dental Society
- 6 Pre-Veterinary Club
- 7 Range Club
- 8 Sierra Nevada Resource Economics Organization
- 9 Student Association for International Water Issues
- 10 Student Ambassadors
- 11 Student Nutrition Association
- 12 Wildlife Society Club — UNR student chapter

## Student Center

The CABNR Student Center is a gathering place, a resource, a destination and more. There, you'll find a broad range of services and tools that will help make your college experience more valuable, as well as friends and trusted advisors who can answer your questions.

**In the Student Center office (Room 236), you can find information on:**

- Paperwork for your college success — including change-of-major requests
- Departmental advisor contacts
- Employment opportunities
- Graduation application processing
- Scholarships
- ... and more

**In the Student Center lounge (across the hall in Room 237), CABNR students can take advantage of:**

- Free computer use (with Internet access) and free printing
- Free local phone calls
- Plenty of tables, chairs and a sofa for group studying and/or lounging
- A microwave and kitchenette

*For more information about the Student Center, visit: [www.cabnr.unr.edu](http://www.cabnr.unr.edu) and click "Campus Life."*



[ C O M E T O C A B N R ]

# Financial Aid and Scholarships

Last year alone, CABNR offered about 30 different scholarships to more than 100 students totaling almost a quarter of a million dollars, in addition to other University scholarships.

Learn more about scholarship and financial aid opportunities at [www.cabnr.unr.edu](http://www.cabnr.unr.edu), then click “Money Matters.”



## How to Apply to UNR:

### Admission requirements for new freshmen

Graduation from an accredited high school with:

- 4 years of English
- 3 years of mathematics
- 3 years of natural science
- 3 years of social science/studies
- 3.0 weighted GPA (takes into account the extra difficulty of AP, honors or IB classes)

*Special admit status is granted for students not meeting the above requirements but with exceptional promise.*

### When to apply:

Your application to UNR includes application for general UNR scholarships  
For Fall 2009 admission to UNR:

- **Apply by Nov. 15** for the best opportunities for scholarships
- **Apply by Feb. 1** for full consideration of scholarships and financial aid.
- **Apply later** — you will be awarded scholarships and/or financial aid if money is available

**For other admission dates, visit [www.cabnr.unr.edu](http://www.cabnr.unr.edu) and click "Apply Now."**



### How to apply:

- Online: Visit [www.ss.unr.edu/apply/](http://www.ss.unr.edu/apply/)
- Downloadable application: Visit [www.ss.unr.edu/admissions/pdf/appli0910.pdf](http://www.ss.unr.edu/admissions/pdf/appli0910.pdf).
- Application + \$60
- Send in official transcripts
- Submit SAT and/or ACT test scores
- Immunization records

Fill out a FAFSA (FREE application for federal student aid) at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) by March 1 for maximum scholarship consideration based on your parents' or your income tax forms.

Apply for on-campus housing and a meal plan as soon as possible — you don't have to wait for UNR acceptance.



College of Agriculture, Biotechnology  
and Natural Resources

University of Nevada, Reno

To schedule a personalized tour:  
775-784-1634  
[www.cabnr.unr.edu](http://www.cabnr.unr.edu)  
E-mail: [Student\\_Center@cabnr.unr.edu](mailto:Student_Center@cabnr.unr.edu)

