

# Exploring Majors

A student guide for finding the right path



UNIVERSITY OF WYOMING

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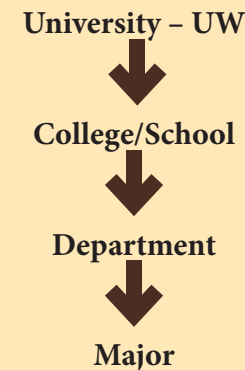
## Using this Booklet

We hope you find this book to be a useful map to navigating the exploration process and finding the right major for you!

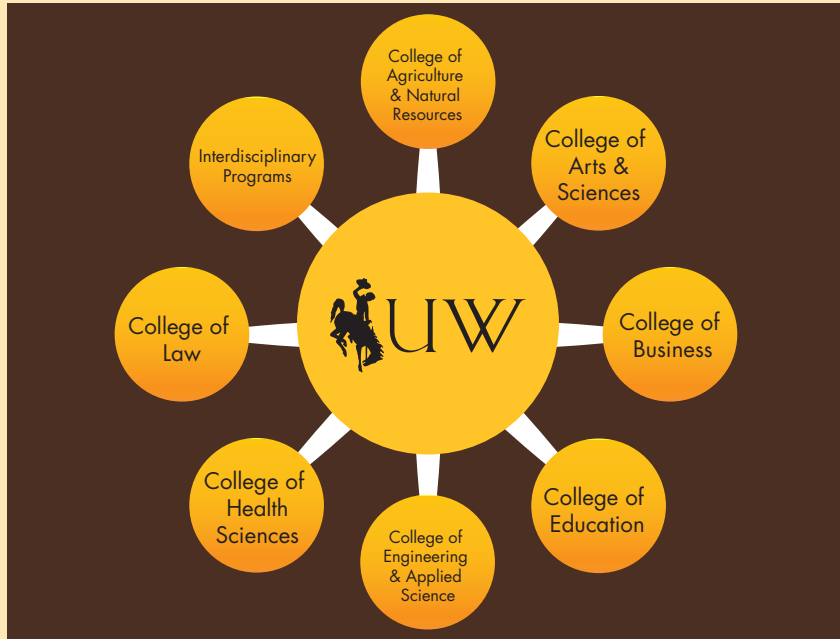
The Center for Advising and Career Services (CACS) sponsors a Major Fair every Spring semester. The fair is just one activity that can assist in declaring your major. CACS also offers career assessments (MBTI and STRONG) free of charge to any student who is interested in learning more about how their interests and personality fit with different majors and careers. If you know what you are good at doing, what you enjoy doing, and what you feel is important in life, then you are on much firmer ground in finding a major that fits you.

## Narrowing Down Your Choices

When you first arrive at UW and begin exploring majors, your choices are wide open. As you choose first a college, then a department and major, your focus will narrow in on your discipline. Some majors offer concentrations, which focus your study on an even more specific field.



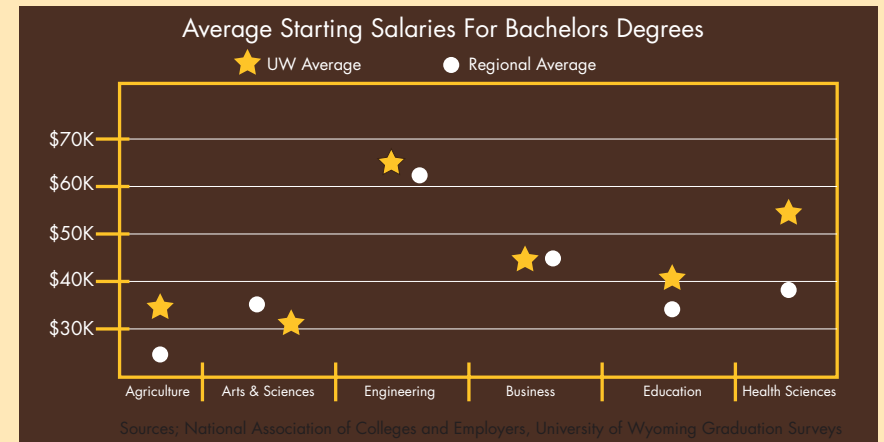
## Eight Colleges to Choose From



\*Please note: The College of Law is a pre-professional program akin to graduate school; you must have a bachelor's degree before applying to law school.

## Moving from a Major to a Career

The relationship between a major and a career is not nearly as direct as most people think. While some majors like accounting, computer science, elementary education, and engineering are often directly related to particular career fields, most majors provide general intellectual training not directly related to specific careers. The basic knowledge and skills developed in a major can be applied to a number of different career fields. Therefore, it is important to remember that choosing a major is not the same as choosing an occupation or a career.



### FOR MORE INFORMATION

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 cacs@uwyo.edu  
 Room 222 Knight Hall

## How and When to Decide On a Major: Assessing Your Interests

You may have to do some careful thinking to determine what will suit you best. Therefore, before deciding on a major you should ask yourself the following:

- What are my interests?
- What are my hobbies?
- What were my favorite high school and college courses? In which ones did I excel?
- What do I hate doing?
- What do I enjoy doing?
- What are my strengths? Weaknesses?
- What are my future career goals? Own my own business? President of the Bank? Non-Profit?
- What do I value? Income? Family? Lifestyle?

The self-exploration needed to answer these questions may well be one of the more important parts of your college education. You will discover a lot about yourself over the next few years. Visit the CACS Career Counseling web page and learn how we might be able to help you with this self-assessment process.



FOR MORE INFORMATION

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## What to Ask Academic Departments About Their Majors

- Why should I consider this major?
- What is expected of students in this major by the department?
  - GPA Requirement?
  - Core Classes?
  - Research?
- What Math course, Math Placement Exam (MPE) score, or ACT score is required to start coursework in this major?
- Do I have to apply to the major? If so, what is the process and timeline?
- What skills will I gain as a result of being in this major?
- What kind of careers have recent graduates pursued with this major?
- What might be some unexpected careers?
- Is graduate school or a professional school required or suggested to pursue a career in this field?
- How can I get in contact with current students/alumni to talk about their experiences in the major and in careers after graduation?
- Are scholarships or internships available?
- What are the clubs and organizations related to this major?
- What kind of opportunities for leadership are offered in this major?



## The Undeclared “College”

The Center for Advising and Career Services (CACS) provides academic advising to all general undeclared and Arts & Sciences undeclared students, as well as high school guests. We also advise undeclared and Arts & Sciences undeclared students who are on probation or are seeking reinstatement to UW after being suspended.

For all undergraduate students, the CACS provides career counseling for choosing or changing a major, including information on career options for different majors and companies that hire those majors; internship/summer job searches; introductory and intermediate instruction on resume writing; and practice interviews.

The University of Wyoming does not require students to declare a major at any specific time. However, ROTC students as well as student-athletes have additional requirements which necessitate declaring a major by a certain timeline.

Changing your major should be a well-researched and thought-out process. We do not recommend changing majors without first reviewing the “What-If” function of the Degree Evaluation in WyoWeb and consulting with an advisor in the new major to fully understand any new academic requirements. Staff at CACS are more than happy to help review this process as well!

### FOR MORE INFORMATION

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307-766-2398  
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## ADDITIONAL INFORMATION

### Facts

- Roughly 800 undergraduate students are undeclared.
- The “Undeclared College” has an entering freshman class of 250 students (the third largest of all the colleges).
- Over 150 undeclared students make the Honor Roll each semester.
- Students who enter UW as undeclared, on average, do not take longer to graduate.

### Helpful Links:

- Advising FAQ - <http://www.uwyo.edu/cacs/academic-advising/advising-faq.html>
- Information on various careers related to majors - <http://www.uwyo.edu/cacs/majors/default.html>
- Upcoming career events - <http://www.uwyo.edu/cacs/career-services/career-events.html>
- Job search information - <http://www.uwyo.edu/cacs/career-services/job-search.html>
- Salary calculator - <http://www.jobsearchintelligence.com/NACE/salary-calculator-intro/>



## Your Education Awaits

The College of Agriculture and Natural Resources is committed to providing our students with a quality education. Choose from our diverse degree programs in agricultural science and natural resources and related life, physical, earth, and social sciences.

Our college is proud of the following highlights: Personalized attention; small class size; a generous scholarship program; early hands-on learning; support for international travel and educational engagement and networking; internship and research opportunities; award-winning faculty; affiliated clubs, teams, and student organizations.

Our guiding philosophy, which has become a motto for the college, captures the essence of what it means to be a student in the College of Agriculture and Natural Resources:

STUDENTS: THE REASON WE'RE HERE!



FOR MORE INFORMATION

Kerry Casper  
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Ag. Bldg. Rm 160

## MAJORS (\* INDICATES MINOR)

- **Agricultural Business\***: Options: Agribusiness Management; Farm & Ranch Management; Livestock Business Management; International Agriculture
- **Agricultural Communication**
- **Agroecology\***: Minors: Agroecology; Horticulture; Plant Protection
- **Animal & Veterinary Sciences**: Options: Production; Business; Range Livestock; Animal Biology; Pre-Veterinary Medicine; Communications; Meat Science & Food Technology; Equine Science
- **Family & Consumer Sciences**: Options: Dietetics; Human Nutrition and Food; Human Development and Family Sciences; Textiles and Merchandising
- **Microbiology**
- **Molecular Biology**
- **Rangeland Ecology & Watershed Management**

## ADDITIONAL INFORMATION

### Helpful Links:

- **College Highlight Details** - <http://www.uwyo.edu/agprograms/index.html>
- **Internships/Job Opportunities** - <http://www.uwyo.edu/agprograms/internships/>
- **Find out from our Ambassadors about their COANR experience** - <http://www.wyomingextension.org/agambassadors/>
- **Scholarship Information** - <http://www.uwyo.edu/agprograms/scholarships/index.html>

## Prepare for Complete Living

The College of Arts and Sciences (A&S), the most diverse college at UW, emphasizes field study, internships, study abroad, and undergraduate research, giving students many opportunities to explore the complex, global world in which they live. Wyoming's landscape serves as a living laboratory for students and faculty in the physical sciences, such as geology, geography, archaeology, and botany, while programs in history, sociology, American Indian Studies, American Studies, Chicano Studies, and psychology focus on history, culture, and interactions among different populations. Students who are interested in becoming health-care professionals may begin their studies in psychology and physiology.

A liberal arts and sciences education can prepare you for careers in many fields, including law, medicine, teaching, and business – the possibilities are endless. Discover how exciting learning can be, as you study the arts, literature, philosophy, math, science, languages, and politics!

If you are interested in creating a rewarding and fulfilling life for yourself while satisfying your intellectual curiosity and making this world a better place, we invite you to take advantage of all that A&S programs have to offer.



### FOR MORE INFORMATION

Michell Anderson  
307-766-2641  
manders2@uwyo.edu  
Arts & Science Building, Room 152

## ADDITIONAL INFORMATION

### Facts

- Offers 45 majors and 69 minors (see pages 13-20 for details).
- Provides a broad education that matches cultural breadth and disciplinary depth to ensure students gain critical understanding of the sciences, humanities, visual and performing arts, social sciences, and the world and its languages.
- Offers opportunities to work with faculty who engage students in the classroom, research labs and studios, as well as through fieldwork, independent study, and mentoring.
- Maintains a tradition of students who successfully compete for prestigious national scholarships and fellowships (Truman, Goldwater, and Rhodes) and acceptance at respected graduate and professional schools.

### Some Common Employers

Communications: Journalism, Writing and Editing  
Entertainment Industries  
Graphic Design Firms  
Political Organizations  
Private & Public Corporations  
Public relations  
Scientific research

### Helpful Links

**A&S Departments** - <http://www.uwyo.edu/as/departments/>  
**Clubs & Honoraries** - [http://www.uwyo.edu/as/\\_files/documents/fall%202015%20updates/arts-and%20-sciences%20-clubsandhonoraries.pdf](http://www.uwyo.edu/as/_files/documents/fall%202015%20updates/arts-and%20-sciences%20-clubsandhonoraries.pdf)  
**Majors & Minors** - <http://www.uwyo.edu/as/majors-and-minors/>  
**Scholarship Information** - <http://www.uwyo.edu/as/scholarships-grants/index.html#scholarships>

## The Arts, Visual Arts, & Art History

The Department of Art offers degree programs in Arts, Visual Art, and Art History. Keys to successful completion of an art degree program include: technical skill, conceptual thinking, self-reflection, an understanding of the history of art and critical theory. Faculty teach all levels from freshman to senior level courses and advise and mentor students throughout their education while they develop their own artistic voice.

The mission of the Department of Theatre and Dance is to prepare students effectively for professional careers in theatre, dance, motion pictures, or screenwriting and playwriting, as well as for graduate and professional schools through considerable hands-on and curricular training, small class sizes, dedicated faculty, excellent opportunities for practical experience, outstanding facilities, and a genuine focus on undergraduate training.

The Department of Music offers the highest level of instruction in preparing music majors and non-majors for leadership positions as professional performers, excellent teachers, and as continuing creative individuals in the field of music. As role models and leaders, the department serves the state and region as a resource for music educators, for community performances, and as mentors and guides for young musicians seeking future musical careers.

## MAJORS (\* INDICATES MINOR)

- **Art \*:** Minors: Ceramics, Drawing, Graphic Design, Metalsmithing, Museum Studies, Painting, Photography, Printmaking, & Sculpture
- **Art History\***
- **Dance\***
- **Music\***
- **Music Education**
- **Music Performance**
- **Theatre\***

## ADDITIONAL INFORMATION

### Some Common Employers:

- Universities and Colleges
- Advertising agencies
- Design firms
- Motion picture, radio and television industries
- Federal, state and local government
- Libraries
- Hospitals
- Public schools
- Rehabilitation and mental health centers
- Theatre groups



### FOR MORE INFORMATION

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## Mathematical, Biological, & Physical Sciences

### Mathematical Sciences:

By combining a passion for teaching with a deep commitment to research, the faculty in the Mathematics Department are dedicated to excellence. The department strives to nurture and prepare students for successful careers in the mathematical sciences, whether in academic, governmental, or industrial positions.

### Biological and Physical Sciences:

Some of the most exciting careers lie in the science majors. From studying the earth we live in to the skies above us, the sciences are all about exploration and delving into the unknown. Also, many of these career fields are among the most stable and lucrative available. If you enjoy (and are good at) science and want to pursue a science-related career, you should definitely consider a science major.

The sciences are an appropriate major for students interested in health-related careers, including medicine, dentistry, physical therapy, occupational therapy, etc.

Environmental and Natural Resources may be particularly useful to students whose scientific interests do not fit well within a single discipline.

Students interested in these majors should be at least at the MATH 1400 level or higher.



FOR MORE INFORMATION

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### MAJORS (\* INDICATES MINOR)

- **Astronomy/Astrophysics\***
- **Biology\***
- **Botany\***: Minors: Remote Sensing
- **Chemistry\***
- **Environmental and Natural Resources**
- **Environmental Geology/Geohydrology**
- **Geography\***: Minors: Geogrpahy, Geographic Information Sciences (GIS) & Planning
- **Geology\***
- **Geology and Earth Sciences**
- **Mathematics\***
- **Physics\***
- **Physiology\***
- **Psychology\***
- **Statistics\***
- **Wildlife and Fisheries Biology Management\***
- **Zoology\***: Minors: Neuroscience & Zoology
- **Additional Science Minors:** Paleoenvironmental Studies

### ADDITIONAL INFORMATION

#### Some Common Employers:

- Universities and Colleges
- Research Institutes and laboratories
- Insurance and Finance Firms
- Natural resources organizations
- Federal, state and local government
- Environmental protection organizations
- Manufacturing firms

## Social Sciences & Humanities

Social science is a powerful academic foundation that provides students with the opportunity to develop skills employers value in employees. These include: oral and written communication; interpersonal relationships; teamwork; technical, analytical, and critical thinking; and organizational and problem solving skills.

The humanities provide skills in high demand among employers: communication, critical thinking, creative problem solving, and a complex understanding of our global community. Through literature, philosophy, language, and culture -- the texts, events, and works of art that make us who we are -- the humanities show us how humans come to know their world. Encountering the humanities, students create new ways of knowing ourselves, building in the process a richer future and a more worthwhile life. Most important of all, the humanities help students grow as reflective citizens.

If you are a student of the human condition, a major in the social sciences or humanities from the College of Arts and Sciences may be for you!



FOR MORE INFORMATION

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## SOCIAL SCIENCES MAJORS (\* INDICATES MINOR)

- **Anthropology\***
- **Communication\***: Minors: Communication, Journalism , Marketing Communication, & Public Relations
- **Criminal Justice\***: Concentration: Prelaw
- **History\***
- **Journalism\***
- **Political Science\***: Minors: American Politics, International Relations & Comparative Government, Political Theory, & Public Law
- **Sociology\***

## HUMANITIES MAJORS (\* INDICATES MINOR)

- **African American & Diaspora Studies\***
- **English\***: Minors: Literary Studies & Professional Writing
- **French\***
- **German\***
- **Philosophy\***: Minors: Philosophy, Ethics, & Environmental Values
- **Religious Studies\***
- **Russian\***
- **Spanish\***
- **Additional Humanities Minors**: Chinese, Classical Civilizations, Creative Writing, Japanese, Latin, Latina/o Studies

## ADDITIONAL INFORMATION

### Some Common Employers:

- Universities, Colleges, & K-12 schools
- Federal, state and local government
- Nonprofit organizations & Private foundations
- Publishing houses, Media outlets, & Marketing firms



## Interdisciplinary Programs & Distributed Majors

Interdisciplinary programs within the College of Arts and Sciences cross boundaries among various academic disciplines to integrate several schools of thought. Our interdisciplinary majors facilitate cohesion across subject areas that cannot be sufficiently studied in a single discipline.

In addition, the A&S distributed majors meet the complex curricular interests of those who may not achieve their professional desires and goals through study in a single discipline. These academic programs meet special needs and interests of students seeking a unique place in the world beyond the University.

In professional environments that appreciate intelligence, imagination, independence, and ingenuity, students may find valued positions by earning a bachelor's degree in one of the interdisciplinary or distributed majors.



### FOR MORE INFORMATION

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### INTERDISCIPLINARY MAJORS (\* INDICATES MINOR)

- **American Indian Studies\***
- **American Studies\***
- **Gender and Women's Studies\***: Minors: Gender and Women's Studies & Queer Studies
- **International Studies\***: Minors: International Studies, European Studies & Asian Studies

### DISTRIBUTED MAJORS(\* INDICATES MINOR)

- **Humanities/Fine Arts**
- **Mathematics/Sciences**
- **Social Sciences**

### ADDITIONAL INFORMATION

#### Some Common Employers:

- Universities and Colleges
- Museums
- Historic Sites
- Interpretive Centers
- Local, state, and federal government
- Non-profit organizations
- Business
- Journalism
- International trades
- Human rights
- Foreign affairs

## Here to Serve Our Students

The College of Business Academic Advising Office (COB/AAO) has an excellent reputation. Our award-winning advisers provide on-campus undergraduate College of Business students and Online Business Administration majors with:

- Academic/Schedule advising
- Advisor signatures for forms and petitions
- Assistance with undergraduate degree requirements
- Guidance with changes of major and adding minors
- Assistance with academic problems

Our business students are assigned to a Career Advisor who will help you plan your career path. You will receive a letter upon admission to the College of Business telling you to whom you are assigned and how to reach your Career Advisor. If you misplace that information, contact COB/AAO.

Economics majors should contact David Finnoff at (307) 766-5773 to arrange academic and career advising.



### FOR MORE INFORMATION

Denise Sheen, Manager  
307-766-2063  
cobaaao@uwyo.edu  
Room 175 West, College of Business

## MAJORS (\* INDICATES MINOR)

- **Accounting\***
- **Economics\***
- **Finance\***
- **Management\***
- **Marketing\***
- **Additional Business Minors:** Banking & Financial Services; Business; Decision Science; Entrepreneurship; Information Management; International Business; Marketing Communication; Sustainable Business Practices

## ADDITIONAL INFORMATION

### Facts

- **AACSB Accredited Since 1954**  
Fewer than 5% of the business schools worldwide have AACSB accreditation
- **Student to faculty ratio < 20:1**
- **\$410,000 awarded in scholarships in 2013-14**
- **3 Departments**  
7 undergraduate degrees  
14 Minors  
4 graduate degrees

### Helpful Links

- **College of Business** – <http://www.uwyo.edu/business/>
- **Degree Programs** -<http://www.uwyo.edu/aao/course-work-requirements/index.html>
- **Accreditation** – <http://www.uwyo.edu/business/office-of-the-dean/aacsb-accreditation.html>
- **Internships** – <http://www.uwyo.edu/business/johnson-career-center/>





## Committed to Excellence

The College of Education offers a wide variety of programs to prepare you for a career in the rewarding world of education. From elementary and secondary education undergraduate programs to master's, doctoral, certificate, and endorsement graduate programs, we are committed to excellence in education. Courses challenge students to think critically, and our teacher residency placements throughout the state of Wyoming for undergraduate students along with research and internship opportunities for graduate students provide the framework for helping you to become the educators and professionals of tomorrow.

Our staff at the Office of Teacher Education is here to assist you in all aspects of your undergraduate teacher education program. As an active and successful participant in the Wyoming Teacher Education Program, you will earn a degree to launch your teaching career. We are committed to developing competent and democratic professionals! Come see us if you have questions or special needs related to advising, academic issues, field experiences, scholarships, and ultimately, teacher certification.



### FOR MORE INFORMATION

Office of Teacher Education  
307-766-2230  
edquest@uwyo.edu  
Room 100 McWhinnie Hall

## MAJORS:

- **Secondary Education (grades 6-12)**  
**Certification Programs:** Agricultural Education; Art Education (K-12); English Education; Mathematics Education; Modern Languages (French/German/Spanish) Education; Science Education; Social Studies Education. Technical Education (UW Casper only)
- **Elementary and Early Childhood Education (grades K-6)**  
**Concentrations:** Interdisciplinary Early Childhood (Birth to Eight Endorsement); Creative Arts; International Education Studies/American Cultural Diversity; Environmental Studies

## ADDITIONAL INFORMATION

### Program Admission Requirements

- **Incoming freshmen:** Minimum ACT Composite of 21; Minimum ACT Math score of 21 or Math Placement Exam (MPE) score of 2 or higher.
- **Transfer Students:** 2.75 transfer GPA; Minimum 15 transferable credits, including USP QA/Math requirement.
- **Current UW Students:** 2.75 UW GPA; 15 hours of UW credit at the 1000-level or above.
- **All Students:** Complete Background Check Prior to Declaring <http://www.uwyo.edu/ted/advising/background-checks/index.html>.

Students with at least 65 university/college-level hours or an associate degree may obtain a Wyoming Substitute Teaching Permit (which all students need to enter Phases II and III of the program).

Students who have not completed 65 hours or an associate degree must complete a background check through the Wyoming Division of Criminal Investigation and the Wyoming Department of Family Services.



## A Call to Excellence

Engineers come in all shapes and sizes and have training in many different fields. But basically, engineers design, create, explore and innovate. Engineers make a difference in the world. They design products that we use in our every-day lives; they develop new medicines; they create new technologies; and they help solve problems in our world (like providing safe drinking water).

Engineers typically work in team environments, with other engineers and with experts in other fields. They work everywhere – cities, rural communities, business offices, factories, research labs, outdoors, and sometimes in outer space!

Engineers are in high demand. There are lots of job opportunities in the engineering and computer science fields, with higher than average starting salaries.

Engineering starts with a foundation in math and science, and includes communications (writing and speaking) as well as courses in the specific field. Engineering is definitely a “hands-on” major, and most students will participate in an internship, co-op, or summer job in their field.

Here’s what you can expect:

- CEAS students take 32 credits of math and science foundational coursework (beginning with MATH 2200 – Calculus I), and obtain an excellent background in engineering sciences.
- Curriculum consists of significant hands-on laboratory and design experiences.

## MAJORS

- **Architectural Engineering**
- **Chemical Engineering**
- **Civil Engineering**
- **Computer Science**
- **Computer Engineering**
- **Electrical Engineering**
- **Energy Systems Engineering**
- **Mechanical Engineering**
- **Petroleum Engineering**

## ADDITIONAL INFORMATION

### Facts

- Free, drop-in tutoring specifically for engineering and computer science students is available during the academic year.
- The small size of the College and excellent student/faculty ratio allows excellent opportunity for undergraduate involvement in research.
- UW engineering seniors consistently score above the national average on their first licensing exam.
- Students are actively involved in professional and service organizations such as EWB (Engineers Without Borders), IEEE (Institute for Electrical and Electronics Engineers), ACM (Association for Computing Machinery) and SWE (Society of Women Engineers).



FOR MORE INFORMATION

307-766-4253 or [enginfo@uwyo.edu](mailto:enginfo@uwyo.edu)  
[uwyo.edu/ceas](http://uwyo.edu/ceas)



## Changing Lives

Health Sciences offers a variety of degrees for students interested in careers in health care. The majority of our degrees lead to clinical licensure (which is necessary to practice).

All programs are rigorous, science based degrees that require competitive admissions to the clinical portion of the degree. Admission includes review of academic record, interviews, personal statements and criminal background checks.

We also offer minors in Aging, Disability Studies and Health Sciences that complement degrees in a wide variety of fields including Business, Education, Engineering and others!

Our programs are fully accredited programs, and all programs offer internships or practical experience. Most programs have 100% job placement within 6 months of graduation and lead to fulfilling, interesting high demand careers with local, national, and international opportunities.

## MAJORS

- **Dental Hygiene** (Cooperative program with Sheridan College)
- **Kinesiology & Health Promotion**
- **Nursing**
- **Pharmacy**
- **Speech Language Pathology & Audiology**
- **Physical Education**
- **Social Work**
- **Additional Health Science Minors:** Aging, Disability Studies and Health Sciences

## ADDITIONAL INFORMATION

### Helpful Links:

- **Information on health care careers** - <http://www.explorehealthcareers.org>
- **College of Health Sciences** - <http://www.uwyo.edu/hs/index.html>
- **Preprofessional Health Advising** - <http://www.uwyo.edu/preprof>

### FOR MORE INFORMATION

Use the UW A-Z index to find the field(s) that interest you or email [preprof.hs@uwyo.edu](mailto:preprof.hs@uwyo.edu)



## PreProfessional Health Advising

A PreProfessional Health Student is an individual who:

- Has, or is working towards, a bachelor's degree
- Is completing prerequisite coursework and developing competencies for their intended field
- Is actively exploring healthcare

The PreProfessional Health Advising Office is here to help you! We work with students from ALL majors and colleges to:

- Help integrate prerequisite coursework into your degree plan
- Understand what it means to be a competitive applicant and to plan a course to becoming competitive
- Identify and access high value opportunities in health care, volunteering, research and extra-curricular activities
- Understand and navigate the application process
- Assist with identifying realistic programs

## ADDITIONAL INFORMATION

### Service Offered by the PreProfessional Health Advising Office

- Information concerning programs (WICHE-PSEP, WWAMI and WYDENT) that help Wyoming residents access health professions
- Visits by recruiters from health professional schools
- List serve alerting students to high value opportunities
- Individual meetings and feedback
- Test preparation support

### Helpful Links:

- **PreHealth Advising** - <http://www.uwyo.edu/preprof>
- **Preveterinary advising** - Dr. Todd Cornish – [tcornish@uwyo.edu](mailto:tcornish@uwyo.edu); <http://www.uwyo.edu/vetsci/undergraduates/>
- **Pre-law Advising** - Michell Anderson – [manders@uwyo.edu](mailto:manders@uwyo.edu); <http://www.uwyo.edu/as/current-students/pre-law.html>
- **College of Health Sciences** - <http://www.uwyo.edu/hs/index.html>

### FOR MORE INFORMATION

Please see [uwyo.edu/preprof](http://uwyo.edu/preprof) or contact [preprof@uwyo.edu](mailto:preprof@uwyo.edu)





## You Value the Natural World. The Haub School Takes You There.

The Haub School of Environment & Natural Resources (ENR) teaches students to understand and solve environmental and natural resource challenges in Wyoming, the West, and the world.

All Haub School students earn a major or minor in environment and natural resources or a minor in sustainability alongside another major – which can be anything at UW. Haub School students come from every college on campus, studying in fields ranging from creative writing to rangeland ecology, from biology to international studies. This creates a dynamic, diverse learning community and challenges students to connect with their peers and with faculty from across a wide range of disciplines.

### MAJORS (\* INDICATES MINOR)

- **Environment and Natural Resources\*:**

**Areas of Emphasis:** Cultures and Values; Economics; Environmental Management; Law and Policy; Physical and Natural Science; Scientific Uncertainty; Sustainability

**Minors:** Environment & Natural Resources; Sustainability

### ADDITIONAL INFORMATION

ENR students are challenged to work in interdisciplinary teams on real-world case studies. ENR course work is designed to develop critical thinking as well as written and oral communication skills, in addition to providing a strong foundation in ENR issues, public processes and policy solutions.



FOR MORE INFORMATION

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(307) 766.5080



## Explore, Engage, Excel

The University Honors Program will help you meet your intellectual and professional goals.

Join other students who want the best from their college education. As part of the Honors Program's community of high-achieving students, you will be provided with the support to grow intellectually, embark on international travel, and explore opportunities while preparing for your future--whether that future takes you to a top-graduate school or a rewarding career.

Honors Students earn an Honors Minor by taking a series of innovative interdisciplinary seminars that meet University requirements. Whether exploring Chaos, Fractals and Complexity, Disney and America, Nanotechnology, or Race and Racism, Honors students come together with award-winning faculty and motivated peers to form a vibrant learning community.



### FOR MORE INFORMATION

Susan Aronstein, Interim Director  
307-766-4110  
honors@uwyo.edu  
Red House, Room 116

## ADDITIONAL INFORMATION

### Other Opportunities:

- **Honors Abroad:** The Honors Program also offers its students several unique study abroad options, including classes in Japan, England, Italy and Ecuador, and an exclusive semester in Glasgow, where pre-med majors can enroll in a cadaver anatomy class.
- **Honors Scholarships:** 4-year, 1-year, and funding for educational experiences from research to study abroad.
- **Priority Registration:** Early registration allows our students to get their classes when they need them.
- **A community:** Honors offers opportunities for community service, social gatherings and trips to theaters and museums.
- **A home:** Honors students can live and learn with their peers in the Honors House and on designated floors in the residence halls.



## Leadership in Energy Industries

Half of the leadership in the energy industries is expected to retire in the next five to ten years. Many energy professionals have training in a specific discipline, such as engineering, geology or economics. However, as global energy issues increase in complexity, the demand is growing for professionals with a multidisciplinary background.

These professionals are able to understand and draw on the expertise of engineers and other energy scientists but are also able to understand the business, legal, social, and public policy implications of a given project. They act as the hub of the wheel, creating comprehensive solutions.

The Energy Resource Management and Development program is designed to fill this need. Through a combination of rigorous academic training, hands-on scenarios, and real-world internships, students are prepared for essential roles in the future energy arena.

Students take a core curriculum designed to provide breadth of learning and then select one of four concentrations for specialization.

### FOR MORE INFORMATION

Pam Henderson  
307-766-6879  
pamelah@uwyo.edu  
Room 338 Energy Innovation Center

## MAJORS

- **Energy Resource Management & Development**  
Concentrations: Air, Land, and Water Management; Fossil Fuels Energy; Professional Land Management; Renewable Energy

## ADDITIONAL INFORMATION

### Some Common Employers

- Oil Field Service
- Oil and Gas
- Environmental Engineering
- Reclamation and Restoration
- Utilities
- Pipeline
- Coal
- Federal and state government
- Law firms
- Independent Landmen Brokerage Companies

### Job Titles

- Field Engineer
- Regulatory Analyst
- Wind Operations
- Environmental Engineer
- Environmental Professional
- Project Manager
- Environmental Technician
- Surface Landman

### Starting Salary Range

\$52,000 to \$72,000



# I've Found a Major! Now what?

## Next Steps for Career Prep

### Procedures for Declaring or Changing your Major

If you are ready to declare or change or major or to add a minor:

- Set an appointment with your current Academic Advisor.
- Fill out a Change of Major form: [http://www.uwyo.edu/registrar/students/forms\\_and\\_petitions.html](http://www.uwyo.edu/registrar/students/forms_and_petitions.html)
- Type or print your full name and address.
- Include ALL appropriate information (Old and New).
- Mark ALL changes being requested (ex. - major, minor, concentrations, options, B.A., B.S.)
- For Dual Majors (Either Dual Degrees: ex – Math and Accounting OR Concurrent Major: ex. – Secondary Education /Biology):
  - Students must have an Academic Advisor for BOTH majors.
  - Students must meet all College and Major requirements for both majors.
  - Students must meet University Studies requirements only ONCE.
- Minors, Concentrations and Options must have the SAME GRADUATION DATE as the major.
- When changing Colleges (ex – College of Engineering to College of Business) require signatures for both department Deans or department Heads (or their designees).

STUDENTS MUST RETURN THE FORM TO THE OFFICE OF



**EPIC is a free online learning tool designed to help students prepare for their careers. Students can use it to get advice on all areas of career preparation:**

- Information on picking a major/career
- Finding the right internships
- Resumes
- Cover Letters
- Interviewing
- Networking
- And much more!



FOR MORE INFORMATION

Elise Verley  
307-766-2398  
[everley@uwyo.edu](mailto:everley@uwyo.edu)  
[cacs@uwyo.edu](mailto:cacs@uwyo.edu)  
Room 222 Knight Hall





Center for  
Advising &  
Career  
Services

Knight Hall 222  
307 766 2398  
cacs@uwyo.edu  
uwyo.edu/cacs

### Academic Advising

- Undeclared and College of Arts & Sciences (A&S) Undeclared
- Academic probation, reinstated, and academic renewal
- A&S transcription evaluation and degree checks



### Career Counseling/ Exploration

- Career assessment (preferences, interests and values related to career choice)
- Exploring career options with different majors for various career fields
- Selecting or changing majors
- Online major/career information
- Degree evaluation
- Academic advising



### Job & Internship Search

- Online and in-person resume assistance
- Internship search assistance
- Practice interviews
- Job search strategies
- Career fairs and career preparation classes
- Host companies on campus for job interview purposes
- Online job postings
- Alumni assistance

