

UNIVERSITY OF WYOMING  
**MASTER LIST OF DEGREES AND MAJORS**  
as authorized by the Trustees  
**May 2017**  
*Prepared by the Office of Academic Affairs*

By way of explanation, the degree title is listed in ***bold italics*** (for example, ***Bachelor of Arts, Bachelor of Science in Chemical Engineering***). The list of majors for a specific degree in a specific college is listed below the degree title. Information in *italics* and parentheses ( ) following a major is explanatory data, and not part of the official major name. Majors with brackets { } require the insertion of a secondary program of study.

**COLLEGE OF AGRICULTURE & NATURAL RESOURCES**

***Bachelor of Applied Science #***

Organizational Leadership

***Bachelor of Science #***

Agricultural Business

Agricultural Communications

Agroecology

Animal and Veterinary Science

Microbiology

Molecular Biology

Rangeland Ecology and Watershed Management

***Bachelor of Science in Family and Consumer Sciences***

***Master of Arts #***

Molecular Biology

***Master of Science #***

Agricultural and Applied Economics

Animal and Veterinary Science

Entomology

Family and Consumer Sciences

Food Science and Human Nutrition (*interdisciplinary*)

Molecular Biology \*

Plant Sciences

Rangeland Ecology and Watershed Management

Soil Science

***Doctor of Philosophy #***

Animal and Veterinary Science

Entomology

Molecular Biology

Plant Sciences

Rangeland Ecology and Watershed Management

Soil Science

\* = This major counted under previously listed degree in this college (College of Agriculture & Natural Resources)

# = This listing not counted as a separate major

## COLLEGE OF ARTS & SCIENCES

### ***Bachelor of Arts #***

African and American Diaspora Studies  
American Indian Studies  
American Studies  
Anthropology  
Art  
Art History  
Chemistry  
Communication  
Criminal Justice  
English  
French  
Geography  
Geology and Earth Sciences  
Gender and Women's Studies  
German  
History  
International Studies  
Journalism  
Mathematics  
Music  
Philosophy  
Physics  
Political Science  
Religious Studies  
Self-Designed Major  
Social Science  
Sociology  
Spanish  
Statistics  
Theatre and Dance

### ***Bachelor of Fine Arts #***

Art \*  
Theatre and Dance \*

### ***Bachelor of Music #***

Music Education  
Music Performance

### ***Bachelor of Science #***

Astronomy/Astrophysics  
Biology \*  
Botany \*  
Chemistry \*  
Chemistry (ACS approved) #  
Communication \*  
Environmental Geology/Geohydrology  
Geography \*

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## **COLLEGE OF ARTS & SCIENCES (cont.)**

Geology  
Journalism \*  
Mathematics \*  
Mathematics/Science \*  
Physics\*  
Physiology  
Political Science \*  
Psychology  
Self-Designed Major \*  
Social Science \*  
Statistics \*  
Wildlife and Fisheries Biology and Management (*professional*)  
Zoology

### ***Master of Arts #***

American Studies (*interdisciplinary*)  
Anthropology  
Communication  
English  
Geography  
History  
International Studies (*interdisciplinary*)  
Mathematics  
Philosophy  
Political Science  
Psychology  
Sociology  
Spanish

### ***Master of Arts in Teaching #***

History \*  
Mathematics \*

### ***Master of Fine Arts in Creative Writing***

### ***Master of Music***

### ***Master of Music Education***

### ***Master of Planning (Community and Regional)***

### ***Master of Public Administration***

### ***Master of Science #***

Botany  
Chemistry  
Geology  
Geophysics  
Mathematics \*  
Natural Science (*interdisciplinary*)  
Physics  
Psychology \*  
Statistics  
Zoology and Physiology

### ***Master of Science in Teaching #***

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## **COLLEGE OF ARTS & SCIENCES (cont.)**

Chemistry \*  
Geography \*  
Mathematics \*  
Natural Science (*interdisciplinary*) \*  
Physics \*

### ***Doctor of Philosophy #***

Anthropology  
Botany  
Chemistry  
Geology  
Geophysics  
Mathematics  
Physics  
Psychology  
Statistics  
Zoology and Physiology

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## **COLLEGE OF BUSINESS**

### ***Bachelor of Science #***

Accounting  
Business Administration  
Business Economics  
Economics#  
Finance  
Management  
Marketing

### ***Master of Business Administration#***

Business Administration  
Business Administration- Executive #  
Energy Management

### ***Master of Science #***

Accounting  
Economics  
Economics and Finance  
Finance

### ***Doctor of Philosophy #***

Economics  
Management and Marketing

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## COLLEGE OF EDUCATION

### ***Bachelor of Arts #***

Elementary Education

Secondary Education

### ***Bachelor of Science #***

Agricultural Education

### ***Master of Arts #***

Education

### ***Master of Science #***

Counseling

Education \*

Natural Science (*interdisciplinary*) \*

### ***Doctor of Education***

### ***Doctor of Philosophy #***

Counselor Education and Supervision

Curriculum and Instruction

Education #

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## COLLEGE OF ENGINEERING AND APPLIED SCIENCE

### ***Bachelor of Science in Architectural Engineering***

### ***Bachelor of Science in Chemical Engineering***

### ***Bachelor of Science in Civil Engineering***

### ***Bachelor of Science in Computer Engineering***

### ***Bachelor of Science in Computer Science***

### ***Bachelor of Science in Electrical Engineering***

### ***Bachelor of Science in Energy Systems Engineering***

### ***Bachelor of Science in Mechanical Engineering***

### ***Bachelor of Science in Petroleum Engineering***

### ***Master of Science #***

Architectural Engineering

Atmospheric Science

Chemical Engineering

Civil Engineering

Computer Science

Electrical Engineering

Environmental Engineering

Mechanical Engineering

Petroleum Engineering

### ***Doctor of Philosophy #***

Atmospheric Science

Chemical Engineering

Civil Engineering

Computer Science

Electrical Engineering

Mechanical Engineering

Petroleum Engineering

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## **COLLEGE OF HEALTH SCIENCES**

### ***Bachelor of Science #***

Kinesiology and Health Promotion  
Medical Laboratory Science  
Physical Education Teaching  
Speech, Language and Hearing Sciences

### ***Bachelor of Science in Dental Hygiene***

### ***Bachelor of Science in Nursing***

### ***Bachelor of Social Work***

### ***Master of Science #***

Health Services Administration  
Kinesiology and Health  
Nursing  
Speech-Language Pathology

### ***Master of Social Work***

### ***Doctor of Nursing Practice***

### ***Doctor of Pharmacy***

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## **COLLEGE OF LAW**

### ***Juris Doctor***

## **SCHOOL OF ENVIRONMENT & NATURAL RESOURCES**

### ***Bachelor of Science #***

Environmental Systems Science  
Environment and Natural Resources/{affiliated major}

## **CROSS-COLLEGE INTERDISCIPLINARY UNDERGRADUATE DEGREES**

### ***Bachelor of Science #***

Energy Resource Management and Development

# = This listing not counted as a separate major

## **CROSS-COLLEGE INTERDISCIPLINARY GRADUATE DEGREES**

### ***Juris Doctor/Master of Arts in Environment and Natural Resources #***

### ***Juris Doctor/Master of Public Administration #***

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## **ACADEMIC AFFAIRS**

### ***Master of Arts #***

Geography/Water Resources #

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**ACADEMIC AFFAIRS (cont.)**

***Master of Science #***

Agricultural and Applied Economics/Water Resources #

Biomedical Sciences

Botany/Water Resources #

Civil Engineering/Water Resources #

Economics/Water Resources #

Geology/Water Resources #

Rangeland Ecology and Watershed Management/Water Resources #

Soil Science/Water Resources #

Zoology and Physiology/Water Resources #

***Master of {affiliated degree}/Environment and Natural Resources #***

***Doctor of Philosophy #***

Biomedical Sciences

Ecology

Hydrologic Science

Molecular and Cellular Life Sciences

Neuroscience

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## **Aggregate list of certificates offered at UW May 2017**

### **Graduate certificates**

American Studies  
Community College Leadership  
Early Childhood Mental Health  
English as a Second Language  
K-12 Special Education  
Literacy  
Music Performance  
Online Instruction  
Online Play Therapy  
Reclamation and Restoration Ecology  
School District Superintendent  
School Principalship  
School Social Work  
Teachers of American Indian Children  
Teaching Elementary School  
Teaching Middle School Math  
Teaching Middle School Science  
Teaching Secondary Content

### **Undergraduate certificates**

Early Childhood Program Director  
Geographic Information Science & Technology  
Land Surveying