

UNIVERSITY OF WYOMING
MASTER LIST OF DEGREES AND MAJORS
as authorized by the Trustees
May 2022
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.

Proposed new Degrees and Certificates have been highlighted in green. Programs in red are listed as Inactive Admission Status. Their status will be determined at a later date, once departments are merged and curriculum is changed. Degrees and Certificates proposed to be deleted from previous Master Lists are highlighted in yellow and crossed out. The proposed deletions are programs that were duplicated in other departments or that UW has simply ceased to offer over time and all eliminated programs have gone through the process as outlined in the University regulations for eliminating programs. As such, the Master List of Degrees and Majors has been corrected to reflect current offerings.

COLLEGE OF AGRICULTURE & NATURAL RESOURCES

Bachelor of Science

Agricultural Business
Agricultural Communications *
Animal and Veterinary Science
Microbiology
Molecular Biology
Plant Production and Protection
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

* = Scheduled to move to Communications & Journalism in the College of Arts & Sciences on July 1st.

@ = Molecular Biology is listed under both the Master of Science and Master of Arts categories, but is only counted as one master's program.

COLLEGE OF AGRICULTURE & NATURAL RESOURCES (cont.)

Doctor of Philosophy (cont.)

Molecular Biology
Plant Sciences
Rangeland Ecology and Watershed Management
Soil Sciences

COLLEGE OF ARTS & SCIENCES

Bachelor of Arts

African American and Diaspora Studies
American Studies
Anthropology
Art Education
Art History
Chemistry
Communication
Criminal Justice
English
French
Gender and Women's Studies
Geology and Earth Sciences
German
History
International Studies
Journalism
Mathematics *
Music
Native American and Indigenous Studies
Philosophy
Physics
Political Science
Religious Studies
Sociology
Spanish
Statistics *
Studio Art
Theatre and Dance

Bachelor of Fine Arts

Studio Art @
Theatre and Dance @
Visual Communication Design

Bachelor of Music

Jazz Performance
Music Education

* = Scheduled to move to the College of Engineering & Applied Science on July 1st.

@ = Bachelor of Fine Arts program previously counted under the Bachelor of Arts category in the College of Arts and Sciences.

COLLEGE OF ARTS & SCIENCES (cont.)

Bachelor of Music (cont.)

Music Performance

Bachelor of Science

Astronomy/Astrophysics

Biology

Botany

Chemistry #

Chemistry (ACS approved) ^

Communication #

Environmental Geology/Geohydrology

Geography

Geology

Mathematics * #

Physics #

Physiology

Political Science #

Psychology

Statistics * #

Wildlife and Fisheries Biology and Management (*professional*)

Zoology

Master of Arts

American Studies (*interdisciplinary*)

Anthropology

Communication

English

History

International Studies (*interdisciplinary*)

Mathematics *

Philosophy

Political Science

Sociology

Spanish

Master of Arts in Teaching

Mathematics * &

Master of Fine Arts in Creative Writing

Master of Music

Master of Music Education

Master of Public Administration

Master of Science

Botany

Chemistry

Geology

Geophysics

= This major counted under a previously listed undergraduate degree in the College of Arts & Sciences.

^ = This listing not counted as a separate major

* = Scheduled to move to the College of Engineering & Applied Science on July 1st.

& = This major counted under a previously listed graduate degree in the College of Arts & Sciences.

COLLEGE OF ARTS & SCIENCES (cont.)

Master of Science (cont.)

Mathematics * &
Physics
Psychology
Statistics
Zoology and Physiology

Master of Science in Teaching

Mathematics * &
Natural Science (*interdisciplinary*)
Physics &

Doctor of Philosophy

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

* = Scheduled to move to the College of Engineering & Applied Science on July 1st.

& = This major counted under a previously listed graduate degree in the College of Arts & Sciences.

COLLEGE OF BUSINESS

Bachelor of Science in Business

Accounting
Business Economics
Entrepreneurship
Finance
Management of Human Resources
Marketing
Professional Selling

Bachelor of Science in Economics

Master of Business Administration

Business Administration
Business Administration – Executive ^
~~Business Administration – Energy Management~~ ^
~~Business Administration – Finance~~ ^

Master of Science

Accounting
Economics
Finance

^ = This listing not counted as a separate major

COLLEGE OF BUSINESS (cont.)

Doctor of Philosophy

Economics
Management and Marketing

COLLEGE OF EDUCATION

Bachelor of Applied Science

Major: Career and Technical Education

Bachelor of Arts

Major: Elementary Education
Major: Elementary and Special Education (K-12)
Major: Secondary Education
Areas of Concentration:

English Education with concurrent major in English *
Mathematics Education with concurrent major in Mathematics *
Modern Languages Education with concurrent majors in French, German or Spanish *
Science Education with concurrent majors in Biology, Chemistry, Physics, or Earth
Science. Earth Science majors choose concurrent majors in Geology or Environmental
Systems Science *
Social Studies Education with concurrent majors in History or Political Science *

Bachelor of Science

Major: Agricultural Education with concurrent majors in Animal & Veterinary Science,
Agricultural Business or Agricultural Communication

Master of Arts

Major: Education
Areas of Concentration:
Curriculum & Instruction *
Educational Leadership *
Higher Education Administration *
Literacy Education *
Special Education *

Master of Science

Major: Counseling
Areas of Concentration:
Mental Health Counseling *
School Counseling *
Major: Education &
Areas of Concentration:
Learning Design & Technology *

* = This is not a separate major and is considered a concentration within that major (ex. Master of Arts with a concentration in Curriculum & Instruction or a Doctor of Philosophy with a concentration in Curriculum Studies)

& = This major counted under a previously listed graduate degree in the College of Education.

COLLEGE OF EDUCATION (cont.)

Doctor of Education

Major: Education

Areas of Concentration:

- Curriculum & Instruction *
- Educational Leadership *
- Higher Education Administration *
- Learning Design & Technology *
- Mathematics Education *

Doctor of Philosophy

Major: Counselor Education and Supervision

Major: Curriculum and Instruction

Areas of Concentration:

- Curriculum Studies *
- Literacy Education *
- Mathematics Education *
- Science Education *

Major: Education &

Area of Concentration:

- Learning Design & Technology *

* = This is not a separate major and is considered a concentration within that major (ex. Master of Arts with a concentration in Curriculum & Instruction or a Doctor of Philosophy with a concentration in Curriculum Studies)

& = This major counted under a previously listed graduate degree in the College of Education.

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 Construction Management

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

COLLEGE OF ENGINEERING AND APPLIED SCIENCE (cont.)

Doctor of Philosophy

Atmospheric Science
Chemical Engineering
Civil Engineering
Computer Science
Electrical Engineering
Mechanical Engineering
Petroleum Engineering

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

COLLEGE OF LAW

Juris Doctor

HAUB SCHOOL OF ENVIRONMENT & NATURAL RESOURCES

Bachelor of Science

Environment and Natural Resources/ {affiliated major}
Environmental Systems Science
Outdoor Recreation & Tourism Management

Master of Science

Environment, Natural Resources and Society (ENRS)

SCHOOL OF ENERGY RESOURCES

Bachelor of Science

Energy Resource Management and Development
Energy Land and Water *
Professional Land Management *

* = This is not a separate major and is considered a concentration within that major (ex. Bachelor of Science with a concentration in Energy Land and Water or Bachelor of Science with a concentration in Professional Land Management)

CROSS-COLLEGE INTERDISCIPLINARY GRADUATE DEGREES

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

= This listing not counted as a separate major

ACADEMIC AFFAIRS

Bachelor of General Studies

Master of Arts

~~Geography/Water Resources[^]~~

Master of Science

Agricultural and Applied Economics/Water Resources[^]
Biomedical Sciences
Botany/Water Resources[^]
Civil Engineering/Water Resources[^]
Economics/Water Resources[^]
Geology/Water Resources[^]
Geospatial Information Science and Technology (GIS&T)
Natural Science (interdisciplinary)[&]
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

[^] = This listing not counted as a separate major

[&] = This major counted under a previously listed graduate degree in the College of Arts & Sciences.

UW CASPER

Bachelor of Applied Science

Organizational Leadership
Health Services Administration

**Aggregate list of certificates offered at UW
May 2022**

Graduate Certificates

American Studies
Community College Leadership
Early Childhood Special Education (birth to five)
Energy Business
English as a Second Language Endorsement and Certificate
Financial Planning
Geographic Information Science (GIS)
Literacy Certificate/Wyoming Reading Endorsement
Music Performance
Online Instruction Certificate
Certificate in Play Therapy
Reclamation and Restoration Ecology
Remote Sensing
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
Unmanned Aerial Systems (drones)

Undergraduate Certificates

American Sign Language
Cadastral Surveying
Computer Science Education
Construction Management
Cybersecurity
Early Childhood Program Director
Geographic Information Science (GIS)
Music Audio Technology Certificate
Music Entrepreneurship Certificate
Remote Sensing