

UNIVERSITY OF WYOMING
MASTER LIST OF DEGREES AND MAJORS
as authorized by the Trustees
May 2023
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, LIFE SCIENCES, and NATURAL RESOURCES (ALSNR)

Bachelor of Science

Agricultural Business

Agricultural Communications

Animal and Veterinary Science

Biology (moves to ALSNR July 1, 2023)

Botany (moves to ALSNR July 1, 2023)

Design, Merchandising and Textiles (former option within BSFC)

Human Development and Family Sciences (former option within BSFC)

Human Nutrition and Food (former option within BSFC)

Microbiology

Molecular Biology

Physiology (moves to ALSNR July 1, 2023)

Plant Production and Protection

Rangeland Ecology and Watershed Management

Wildlife and Fisheries Biology and Management (*professional*)

(moves to ALSNR July 1, 2023)

Zoology (moves to ALSNR July 1, 2023)

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

Master of Arts

Molecular Biology

Master of Science

Agricultural and Applied Economics

Animal and Veterinary Science

Botany (moves to ALSNR July 1, 2023)

Entomology

Family and Consumer Sciences

Food Science and Human Nutrition (*interdisciplinary*)

Molecular Biology[@]

[@] = 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, LIFE SCIENCES, and NATURAL RESOURCES (ALSNR)

(cont.)

Master of Science (cont.)

Nutrition and Dietetics, BS/MS Quickstart 4+1 (approved BOT May 2023)

Plant Sciences

Rangeland Ecology and Watershed Management

Soil Science

Zoology and Physiology (moves to ALSNR July 1, 2023)

Doctor of Philosophy

Animal and Veterinary Science

Botany (moves to ALSNR July 1, 2023)

Entomology

Molecular Biology

Plant Sciences

Rangeland Ecology and Watershed Management

Soil Sciences

Zoology and Physiology (moves to ALSNR July 1, 2023)

COLLEGE OF ARTS and SCIENCES

Bachelor of Arts

African American and Diaspora Studies

American Studies

Anthropology

Art Education

Art History

Communication

Criminal Justice

English

French

Gender and Women's Studies

German

History

International Studies

Journalism

Music

Native American and Indigenous Studies

Philosophy

Political Science

Religious Studies

Sociology

Spanish

Studio Art

Theatre and Dance

Bachelor of Fine Arts

Studio Art[#]

Theatre and Dance[#]

Visual Communication Design

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

COLLEGE OF ARTS and SCIENCES (cont.)

Bachelor of Music

Jazz Performance
Music Education
Music Performance

Bachelor of Science

Communication#
Political Science#
Psychology

Master of Arts

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

Master of Fine Arts in Creative Writing

Master of Music

Master of Music Education

Master of Music Performance

Master of Public Administration

Master of Science

Psychology

Doctor of Philosophy

Anthropology
Psychology

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

COLLEGE OF BUSINESS

Bachelor of Science in Business

Accounting
Business Economics
Entrepreneurship
Finance
Management
Marketing
Professional Selling

Bachelor of Science in Economics

Master of Business Administration

Business Administration
Business Administration – Executive[^]

Master of Science

Accounting
Economics
Finance

Doctor of Philosophy

Economics
Management and Marketing

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

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 and Veterinary Science, Agricultural Business or Agricultural Communication

* = 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)

COLLEGE OF EDUCATION (cont.)

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:

Instructional Technology*

Learning Design & Technology*

Major: Natural Science (interdisciplinary)

Master of Science in Teaching

Major: Natural Science (interdisciplinary)[&]

(Moving to the College of Education July 1, 2023 pending Board of Trustees approval.)

Doctor of Education

Major: Education

Areas of Concentration:

Curriculum & Instruction*

Educational Administration*

Educational Leadership*

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:

Adult & Post Secondary Education*

Higher Education Administration*

Instructional Technology*

Learning Design & Technology*

Literacy Education*

Mathematics Education*

Science Education*

* = 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 PHYSICAL SCIENCES (CEPS)

Bachelor of Arts

Chemistry (moves to CEPS July 1, 2023)
Geology and Earth Sciences (moves to CEPS July 1, 2023)
Mathematics (moved to CEPS July 1, 2022)
Physics (moves to CEPS July 1, 2023)
Statistics (moved to CEPS July 1, 2022)

Bachelor of Science

Astronomy/Astrophysics (moves to CEPS July 1, 2023)
Chemistry (moves to CEPS July 1, 2023)[%]
Chemistry (ACS approved) (moves to CEPS July 1, 2023)[^]
Environmental Geology/Geohydrology (moves to CEPS July 1, 2023)
Geography (moves to CEPS July 1, 2023)
Geology (moves to CEPS July 1, 2023)
Mathematics (moved to CEPS, July 1, 2022)[%]
Physics (moves to CEPS July 1, 2023)[%]
Statistics (moved to CEPS, July 1, 2022)[%]

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 Arts

Mathematics (moved to CEPS, July 1, 2022)

Master of Arts in Teaching

Mathematics (moved to CEPS, July 1, 2022)[&]

Master of Science in Teaching

Mathematics (moved to CEPS, July 1, 2022) [&]
Physics (moves to CEPS July 1, 2023) [&]

Master of Science

Architectural Engineering
Atmospheric Science
Chemical Engineering
Chemistry (moves to CEPS July 1, 2023)
Civil Engineering
Computer Science
Electrical Engineering
Environmental Engineering
Geology (moves to CEPS July 1, 2023)
Geophysics (moves to CEPS July 1, 2023)

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

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

[%] = This major counted under a previously listed undergraduate degree in the College of Engineering and Physical Sciences.

[!] = The School of Computing is incubating in the College of Engineering and Physical Sciences.

COLLEGE OF ENGINEERING AND PHYSICAL SCIENCES (CEPS) (cont.)

Master of Science(cont.)

Mathematics (moved to CEPS, July 1, 2022)&
Mechanical Engineering
Petroleum Engineering
Physics (moves to CEPS July 1, 2023)
Statistics (moved to CEPS, July 1, 2022)

Doctor of Philosophy

Atmospheric Science
Chemical Engineering
Chemistry (moves to CEPS July 1, 2023)
Civil Engineering
Computer Science
Electrical Engineering
Geology (moves (moves to CEPS July 1, 2023)
Geophysics (moves to CEPS July 1, 2023)
Mathematics (moved to CEPS, July 1, 2022)
Mechanical Engineering
Petroleum Engineering
Physics (moves to CEPS July 1, 2023)

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

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 and 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

HONORS COLLEGE

Bachelors in Honors Interdisciplinary Inquiry concurrent major (approved BOT May 2023)

SCHOOL OF COMPUTING!

Bachelor of Science

Geospatial Information Science and Technology

Master of Science

Geospatial Information Science and Technology

! = The School of Computing is incubating in the College of Engineering and Applied Science

SCHOOL OF ENERGY RESOURCES

Bachelor of Science

Energy Resource Management and Development

Energy and Environmental Systems^{\$}

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 and Environmental Systems 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 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 and Evolution
Hydrologic Science
Molecular and Cellular Life Sciences
Neuroscience

^ = This listing not counted as a separate major

UW CASPER

Bachelor of Applied Science

Organizational Leadership
Health Services Administration

**Aggregate list of certificates offered at UW
May 2023**

Graduate Certificates

Community and Public Health
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
American Studies
Art Entrepreneurship Certificate
Audio Technology Certificate
Cadastral Surveying
Carbon Capture Utilization and Storage (CCUS)
Computer Science Education
Construction Management
Cybersecurity
Early Childhood Program Director
Geographic Information Science (GIS)
Land Administration Undergraduate Certificate
Music Audio Technology Certificate
Music Entrepreneurship Certificate
Remote Sensing