

# Undergraduate Majors, Minors, and Emphases

## COLLEGE OF AGRICULTURE

### Department of Agricultural Systems Technology and Education

#### Majors

- Agricultural Communication and Journalism
- Agricultural Education
- Agricultural Machinery Technology
  - One-year Technology Certificate
  - Associate of Applied Science
- Agricultural Systems Technology
  - Agribusiness Emphasis
  - Agricultural Mechanization Emphasis
- Agricultural Systems Technology/Agribusiness  
(Composite)
- Family and Consumer Sciences Education

#### Minor

- Agricultural Systems Technology

### Department of Animal, Dairy and Veterinary Sciences

#### Majors

- Animal, Dairy and Veterinary Sciences
  - Animal and Dairy Science Emphasis
  - Biotechnology Emphasis
  - Bioveterinary Science Emphasis
  - Equine Science and Management Emphasis
- Dairy Herdsman Program
  - One-year Certificate

#### Minors

- Animal and Dairy Science
- Biovetterinary Science
- Dairy Herdsman
- Equine

### Department of Economics

(see also College of Business)

#### Majors

- Agribusiness
- Agricultural Economics
- International Agribusiness

#### Minors

- Agribusiness Management
- Agricultural Economics

## Department of Nutrition and Food Sciences

#### Major

- Nutrition and Food Sciences
  - Biotechnology Emphasis
  - Dietetics—Coordinated Emphasis
  - Dietetics—Didactic Emphasis
  - Food Science Emphasis
  - Food Technology Management Emphasis
  - Nutrition Science Emphasis

#### Minor

- Food Sciences

## Department of Plants, Soils, and Climate

#### Majors

- Crop Science
  - Agronomy Emphasis
  - Research/Biotechnology Emphasis
- Environmental Soil/Water Science
  - Plant Emphasis
  - Soil Emphasis
  - Water Emphasis
- Horticulture
  - Business Emphasis
  - Landscape Maintenance and Construction Emphasis
  - Ornamental Horticulture Emphasis
  - Science Emphasis
  - Turfgrass Management Emphasis
- Ornamental Horticulture Program
  - Associate of Applied Science
  - One-year Certificate

#### Minors

- Agronomy
- Crop Biotechnology
- Horticulture
- Ornamental Horticulture
- Soil Science

## JON M. HUNTSMAN SCHOOL OF BUSINESS

### School of Accountancy

#### Major

- Accounting

#### Minors

- Accounting
- Personal Financial Planning

### Department of Business Administration

#### Majors

- Business Administration
- Finance
- International Business
- Marketing
- Operations Management

# Undergraduate Majors, Minors, and Emphases

## Minors

- Finance
- International Business
- Marketing
- Operations Management

## Department of Economics

(see also College of Agriculture)

## Major

- Economics**
  - Economic Theory Emphasis
  - Managerial Economics Emphasis
  - Prelaw Economics Emphasis

## Minor

- Economics

## Department of Management and Human Resources

## Majors

- Entrepreneurship
- Human Resource Management

## Minors

- Human Resource Management
- Management

## Department of Management Information Systems

## Majors

- Management Information Systems**
  - Managerial Emphasis
  - Technical Emphasis
  - Training and Development Emphasis

## Minors

- E-Commerce
- Management Information Systems

## College of Business Program

(see College of Business Career and Education Opportunities Center)

## Major

- Business (Dual Major and 2nd BS only)

## Minor

- Business

## EMMA ECCLES JONES COLLEGE OF EDUCATION AND HUMAN SERVICES

## Department of Communicative Disorders and Deaf Education

## Majors

- Communicative Disorders and Deaf Education
- Deaf Education/Early Childhood Education (Composite)
- Deaf Education/Elementary Education (Composite)

## Department of Elementary Education

## Majors

### Early Childhood Education

- Art Emphasis
- English as a Second Language (ESL) Endorsement
- Fine Arts Emphasis
- Foreign Language Emphasis
- General Science Emphasis
- Health/Wellness/Nutrition Emphasis
- Language Arts Emphasis
- Mathematics/General Science Emphasis
- Music Emphasis
- Physical Education Emphasis
- School Library Media Certification
- Social Studies Emphasis

### Early Childhood Education/Deaf Education (Composite)

### Early Childhood Education/Elementary Education (Dual Major)

### Early Childhood Education/Special Education (Composite)

### Elementary Education

(same emphases as Early Childhood Education)

- Mathematics Emphasis

### Elementary Education/Deaf Education (Composite)

### Elementary Education/Special Education (Composite)

### K-12 English as a Second Language

- Endorsement Program

### Middle School Teaching

- Endorsement Program

## Department of Family, Consumer, and Human Development

## Majors

### Early Childhood Education

- Art Emphasis
- English as a Second Language (ESL) Endorsement
- Fine Arts Emphasis
- Foreign Language Emphasis
- General Science Emphasis
- Health/Wellness/Nutrition Emphasis
- Language Arts Emphasis
- Mathematics/General Science Emphasis
- Music Emphasis
- Physical Education Emphasis
- School Library Media Certification
- Social Studies Emphasis

### Family and Consumer Sciences

### Family, Consumer, and Human Development

- Deaf Education Emphasis
- Family and Community Services Emphasis
- Family Finance Emphasis
- Child Development Emphasis

## Minors

- Family and Human Development
- Family Finance

# Undergraduate Majors, Minors, and Emphases

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## Department of Health, Physical Education and Recreation

### Majors

- Health Education Specialist
  - Community Health Emphasis
  - School Health Emphasis
- Health Education Teaching\*
- Parks and Recreation
- Physical Education
  - Exercise Science Emphasis
  - Pre-Physical Therapy Emphasis
  - Teaching Emphasis (K-12)
- Physical Education Teaching\*

### Minors

- Parks and Recreation
- Physical Education Coaching
- School Health

## Department of Instructional Technology

### Minors

- School Library Media (see department)
- Multimedia Development (see department)

## Department of Psychology

### Majors

- Psychology
- Psychology Teaching\*

### Minors

- Psychology
- Psychology Teaching

## Department of Secondary Education

### Majors

- K-12 English as a Second Language
  - Endorsement Program
- Second BS in Secondary Education
- Social Studies Composite Teaching

### Minor

- K-12 English as a Second Language

### Teaching Minors for Teaching Majors Only

- Chemistry
- Economics
- Elementary School Music
- English
- ESL Teaching
- French
- Geography
- German
- Health Education
- History
- Mathematics
- Physical Education Coaching
- Physics

- Political Science
- Psychology
- Sociology
- Spanish
- Speech Communication
- Theatre Arts

## Department of Special Education and Rehabilitation

### Majors

- Special Education
  - Mild/Moderate Disabilities Emphasis and Endorsement
  - Severe Disabilities Emphasis and Endorsement
  - Birth to Age 5 Certificate
- Special Education/Early Childhood Education (Composite)
- Special Education/Elementary Education (Composite)
- Composite Licensure in Elementary Education
- Dual Licensure in Secondary Education Content Majors

### Minors

- Birth to Age 5
  - (only for students enrolled in major within Family, Consumer, and Human Development Department)
- Early Childhood Special Education
  - (only for students enrolled in major within College of Education and Human Services)

## COLLEGE OF ENGINEERING

### Department of Biological and Irrigation Engineering

#### Major

- Biological Engineering

### Department of Civil and Environmental Engineering

#### Majors

- Civil Engineering
- Environmental Engineering

### Department of Electrical and Computer Engineering

#### Majors

- Computer Engineering
- Electrical Engineering

### Department of Engineering and Technology Education

#### Majors

- Aviation Technology—Maintenance Management
- Aviation Technology—Professional Pilot
- Engineering and Technology Education
  - Technology Education Emphasis
  - Trade and Technical Education Emphasis

# Undergraduate Majors, Minors, and Emphases

## Department of Mechanical and Aerospace Engineering

### Major

- Mechanical Engineering**
- Aerospace Engineering Emphasis
- Computational Engineering Emphasis
- Manufacturing Engineering Emphasis

## COLLEGE OF HUMANITIES, ARTS, AND SOCIAL SCIENCES

## Department of Aerospace Studies

(Air Force ROTC)

### Program

- Aerospace Studies (Air Force Commission)**

### Minor

- Aerospace Studies**

## Department of Art

### Majors

- Art**
- Art Education Emphasis
- Art History Emphasis
- Ceramics Emphasis
- Drawing and Painting Emphasis
- Graphic Design Emphasis
- Photography Emphasis
- Printmaking Emphasis
- Sculpture Emphasis

### Minors

- Art**
- Art History**

## Department of English

### Majors

- American Studies** (interdepartmental)
- English**
- Creative Writing Emphasis
- English Teaching Emphasis
- Literary Studies Emphasis
- Professional and Technical Writing Emphasis

### Minors

- American Studies** (interdepartmental)
- British and Commonwealth Studies** (interdepartmental)
- English** (standard nonteaching)
- English Teaching**
- Folklore** (interdepartmental)

## Department of History

### Major

- History**
- History Teaching Emphasis

### Minors

- British and Commonwealth Studies** (interdepartmental)
- Classics** (Civilization, Greek, and Latin)
- Folklore** (interdepartmental)
- History**
- History Teaching**

## Department of Journalism and Communication

### Majors

- Agricultural Communication and Journalism**
- Journalism**
- Broadcast/Electronic Media Emphasis
- Print Journalism Emphasis
- Public Relations/Corporate Communications Emphasis

### Minor

- Journalism**

## Department of Landscape Architecture and Environmental Planning

### Major

- Landscape Architecture**

## Department of Languages, Philosophy, and Speech Communication

### Majors

- French**
- French Teaching Emphasis
- German**
- German Teaching Emphasis
- Philosophy**
- Spanish**
- Spanish Teaching Emphasis
- Speech**

### Minors

- Chinese**
- French**
- French Teaching**
- German**
- German Teaching**
- Japanese**
- Linguistics**
- Organizational Communication**
- Philosophy**
- Portuguese**
- Russian**
- Spanish**
- Spanish Teaching**
- Speech Communication Teaching**

## Department of Military Science

(Army ROTC)

### Program

- Military Science** (Army Commission)

### Minor

- Military Science**

# Undergraduate Majors, Minors, and Emphases

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## Department of Music

### Majors

#### Music

- Music Education (Band) Emphasis
- Music Education (Choral) Emphasis
- Music Education (General) Emphasis
- Music Education (Orchestra) Emphasis
- Guitar Performance Emphasis
- Piano Performance Emphasis
- String Performance Emphasis
- Vocal Performance Emphasis
- Wind/Brass/Percussion Performance Emphasis
- Piano Pedagogy Emphasis

#### Music Therapy

### Minors

- Elementary School Music Teaching** (for Early Childhood Education or Elementary Education majors only)

#### Music

## Department of Political Science

### Majors

- International Studies
- Law and Constitutional Studies
- Political Science
- Political Science Teaching Emphasis

### Minors

- International Studies
- Political Science
- Political Science Teaching

## Department of Sociology, Social Work and Anthropology

### Majors

- Anthropology
- Social Work
- Sociology
- Sociology Teaching Emphasis
- Law and Society Area Studies Certificate

### Minors

- Anthropology
- Sociology
- Sociology Teaching

## Department of Theatre Arts

### Major

- Theatre Arts
- Acting Emphasis
- Theatre Design and Technology Emphasis
- Theatre Education Emphasis

### Minors

- Theatre Arts
- Theatre Arts Teaching

## Interdisciplinary HASS Program

### Major

- Liberal Arts

### Interdisciplinary Programs

(University-wide—HASS oversees; most include courses from other colleges)

### Majors

#### American Studies

#### Area Studies Certificates

- British and Commonwealth Studies
- Communicating Across Cultures
- International Development
- Law and Society
- Self-designed Area of Study
- Religion
- Women and Gender Studies

#### Asian Studies

#### Interior Design

- Design Sales and Marketing Emphasis
- Studio Emphasis

#### Religious Studies

#### Women and Gender Studies (Certificate)

### Minors

#### American Studies

#### Asian Studies

#### British and Commonwealth Studies

#### Classics (Civilization, Greek, and Latin)

#### Folklore

#### Latin American Studies

#### Religious Studies

#### Women and Gender Studies

## COLLEGE OF NATURAL RESOURCES

### Department of Environment and Society

### Majors

- Environmental Studies
- Geography
- Geography Teaching\*
- Recreation Resource Management

### Minors

- Environmental Studies
- Geography
- Geography Teaching
- Recreation Resources

### Department of Watershed Sciences

### Majors

- Fisheries and Aquatic Sciences
- Watershed and Earth Systems

### Minors

- Fisheries Science
- Geographic Information Science
- Watershed Science

# Undergraduate Majors, Minors, and Emphases

## Department of Wildland Resources

### Majors

- Conservation and Restoration Ecology
- Forestry
- Rangeland Resources
- Wildlife Science

## COLLEGE OF SCIENCE

## Department of Biology

### Majors

#### Biology

- Biology Emphasis
- Cellular/Molecular Emphasis
- Ecology/Biodiversity Emphasis
- Environmental Emphasis

#### Composite Teaching—Biological Science

#### Nursing Program

- Cooperative AS or AAS Degree - Weber State University

#### Premedical Biology Program

- BS or BA in Biology

#### Pre dental Biology Program

- BS or BA in Biology

#### Prehealth Program

- BS or BA in Biology

#### Public Health

- Environmental Health Emphasis
- Industrial Hygiene Emphasis
- Public Health Education Emphasis

### Minors

- Biology
- BioMath
- Public Health

## Department of Chemistry and Biochemistry

### Majors

#### Biochemistry

#### Chemistry

- Biochemistry Emphasis
- Chemical Education Emphasis
- Environmental Chemistry Emphasis
- Life Science Emphasis
- Professional Chemistry Emphasis

#### Chemistry Teaching

#### Composite Teaching in Physical Science (Chem)

### Minors

- Chemistry
- Chemistry Teaching

## Department of Computer Science

### Major

#### Computer Science

- Bioinformatics Emphasis
- Digital Systems Emphasis
- Information Systems Emphasis
- Information Technology Emphasis
- Science Emphasis

### Minor

- Computer Science

## Department of Geology

### Majors

#### Applied Environmental Geoscience

#### Geology

- Geoarchaeology Emphasis
- Hydrogeology-Engineering Geology Emphasis
- Composite Teaching in Earth Science

### Minor

- Geology

## Department of Mathematics and Statistics

### Majors

#### Mathematics

- Actuarial Science Emphasis
- Computational Mathematics Emphasis
- Applied Mathematics Option

#### Mathematics Education

#### Mathematics/Statistics (Composite)

#### Mathematics-Statistics Education (Composite)

#### Statistics

- Actuarial Science Emphasis

### Minors

- Biomathematics
- Mathematics
- Mathematics Education
- Statistics

## Department of Physics

### Majors

#### Composite Teaching in Physical Science (Physics)

#### Physics

- Applied Emphasis
- Professional Emphasis

#### Physics Teaching

### Minors

- Physics
- Physics Teaching

## INTERDISCIPLINARY UNIVERSITY DEGREE

### Major

#### Interdisciplinary Studies

Offered through colleges of:

- Agriculture
- Education and Human Services
- Humanities, Arts, and Social Sciences
- Natural Resources
- Science

\* Teaching Majors approved by the Utah State Board of Education