

# BYU-Idaho Academic Catalog

## Advanced Marriage and Family Functioning (Certificate)

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### Program Description

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This Certificate prepares students for entry-level work in the Human Services industry.

### Program Code

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C151

### Program Learning Outcomes (PLOs)

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1. Communicate effectively in writing regarding marriage and family.
2. Create practical plans for improving marriage and family functioning.
3. Synthesize relevant research findings pertaining to marriage and family.
4. Effectively advocate for marriage and family through persuasive speaking.

### Program Notes

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- To be awarded an academic certificate independent of a bachelor's or an associate degree, a student must earn:
  - grades of C- or higher in required courses
  - a minimum certificate program grade point average of 2.0

**Certificate Core**

15

Total Credits



- Complete all of the following
  - Take the following:
    - [FAML300](#) - Marital Dynamics (3)
    - [FAML400](#) - Family Theories and Dynamics (3)
    - [FAML460](#) - Child and Family Advocacy (3)
    - [MATH221C](#) - Social Science Statistics (3)
  - AND
  - Take 1 of the following:
    - [CHILD400](#) - Research Methods (3)
    - [PSYCH302](#) - Research Methods (3)

**Grand Total Credits: 15**

Department

Department of Home and Family

# BYU-Idaho Academic Catalog

## American Government Education (Minor)

### Program Description



A group of courses (20-24 credits) designed to encourage focused learning in American Government Education, complementary to an integrated standard degree or as an element of an Interdisciplinary Studies degree.

### Program Code

128

### Program Notes



- No grade less than C- in Minor courses.

### Program Course Requirements



#### Core

24

Total Credits



- Complete 1 of the following

Option 1: Elementary Education Majors

- Complete all of the following

- POLSC110 - American Government (3)

- [POLSC150](#) - Introduction to Comparative Politics (3)
- [POLSC380](#) - U.S. Constitutional History and Law (3)

AND

- Take 2 of the following:
  - [POLSC311](#) - State and Local Government (3)
  - [POLSC314](#) - The Executive Branch (3)
  - [POLSC315](#) - The Legislative Branch (3)

Option 2: All other Majors

- Complete all of the following
  - Take the following:
    - [HIST120](#) - U.S. History to 1877 (3)
    - [HIST121](#) - U.S. History Since 1877 (3)
    - [HIST206](#) - Introduction to Secondary Methods (3)
    - [POLSC110](#) - American Government (3)
    - [POLSC150](#) - Introduction to Comparative Politics (3)
    - [POLSC380](#) - U.S. Constitutional History and Law (3)

AND

- Take 2 of the following:
  - [POLSC311](#) - State and Local Government (3)
  - [POLSC314](#) - The Executive Branch (3)
  - [POLSC315](#) - The Legislative Branch (3)
  - [POLSC316](#) - The Judicial Branch (3)
  - [POLSC320](#) - Political Parties and Interest Groups (3)

**Grand Total Credits: 24**

Department

Department of History, Geography and Political Science



# BYU-Idaho Academic Catalog

## American History (Cluster)

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in American History, supplemental to a major.

### Program Code

4002

### Program Course Requirements

#### Core Courses

10

Total Credits

- Take the following:
  - [HIST104](#) - History Skills and Careers (1)
  - [HIST120](#) - U.S. History to 1877 (3)
  - [HIST121](#) - U.S. History Since 1877 (3)
  - [HIST300](#) - Writing and Research in History (3)

#### Supplemental Courses

3

Total Credits

- Take 1 of the following:



- [HIST370 - United States History Since 1945 \(3\)](#)

- o [HIST380 - U.S. Constitutional History and Law \(3\)](#)
- o [HIST381 - The History of Film in America \(3\)](#)
- o [HIST382 - U.S. Women's History \(3\)](#)
- o [HIST392 - History of Peace \(3\)](#)
- o [HIST393 - Environmental History of Protected Landscapes \(3\)](#)
- o [HIST394 - Public History \(3\)](#)

**Grand Total Credits: 13**

Department

Department of History, Geography and Political Science

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# BYU-Idaho Academic Catalog

## Apparel Construction (Cluster)

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in apparel construction, supplemental to a major.

### Program Code

7004

### Program Course Requirements

#### Core Courses

15

Total Credits

- Take the following:
  - [FCS207](#) - Apparel Construction I (2)
  - [APD245](#) - Pattern Making (3)
  - [FCS307](#) - Apparel Construction II (4)
  - [APD345](#) - Fitting and Alteration (3)
  - [FCS360](#) - Textile Science (3)

**Grand Total Credits: 15**



# BYU-Idaho Academic Catalog

## Apparel Construction (Minor)

### Program Description ^

A group of courses (20-24 credits) designed to encourage focused learning in Apparel Construction, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

### Program Code

275

### Program Notes ^

- No grade less than C- in Minor courses.

### Program Course Requirements ^

**Core**

**21**

Total Credits

- Take the following:
  - [FCS207](#) - Apparel Construction I (2)
  - [FCS208](#) - Fashion Design and Merchandising (2)
  - [APD221](#) - Home Decor Design (2)





- FASHION TEXTILE SCIENCE (S)

### Supplemental Courses

2 - 3

Total Credits



- Take 1 of the following:
  - [APD290](#) - CAD Pattern Making (2)
  - [APD325](#) - Fashion History (2)
  - [ART125](#) - Adobe CC Basics (3)
  - [BUS210](#) - Small Business Creation (3)

**Grand Total Credits: 23 - 24**

### Department

Department of Home and Family

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# BYU-Idaho Academic Catalog

## Apparel Design and Construction (Certificate)

### Program Description



The courses in the certificate are designed for learners who wish to develop or improve their knowledge and skills of Apparel Design and Construction. The courses will cover training in the operation of sewing machines (and related tools), basic apparel construction, basic flat pattern making and pattern design skills, basic principles and elements of design, fashion design details, elements of small business entrepreneurship, apparel fitting and alteration skills, and characteristics of basic and innovative textiles. Upon completion of the program, the certificate holder will be able to seek employment in the Fashion Industry or home-based textile fabrication businesses including, but not limited to; pattern-maker, custom dressmaker, alterations specialist, entry level fashion merchandising, or they may advance in their current employment to increase their income.

### Program Code

C158

### Program Learning Outcomes (PLOs)

1. Understand basic pattern directions, pattern alterations, and apparel construction.
2. Demonstrate ability to operate a sewing machine and basic professional tools.
3. Understand the principles and elements of design and basic operations of the fashion industry.
4. Demonstrate and apply flat pattern-making skills and design and construct a half-scale and full-scale original garment using industry-standard slopers.
5. Recognize quality garment fit and apply alteration skills to garment alterations.
6. Enhance pattern-making skills to develop a personal sloper and apply that knowledge by designing and constructing a full-scale original garment.





- To be awarded an academic certificate independent of a bachelor's or an associate degree, a student must earn:
  - grades of C- or higher in required courses
  - a minimum certificate program grade point average of 2.0
- Completion of this certificate does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### Certificate Core

15

Total Credits



- Complete all of the following
  - Take the following:
    - [FCS207](#) - Apparel Construction I (2)
    - [FCS208](#) - Fashion Design and Merchandising (2)
    - [APD245](#) - Pattern Making (3)
    - [APD345](#) - Fitting and Alteration (3)
    - [FCS360](#) - Textile Science (3)
  - AND
  - Take 1 of the following:
    - [APD221](#) - Home Decor Design (2)
    - [APD235](#) - Children's Apparel Design (2)
    - [APD290](#) - CAD Pattern Making (2)
    - [APD325](#) - Fashion History (2)

**Grand Total Credits: 15**

### Department

Department of Home and Family

# BYU-Idaho Academic Catalog

## Apparel Entrepreneurship (Major: Bachelor-Level)

### Program Description



This program prepares students for work in the Apparel industry, a multi-billion dollar business. We have partnered with industry leaders to offer the most up-to-date training in the Apparel industry for our students. Upon graduating, students will be prepared to either work in an existing apparel company or start their own company.

### Program Code

737

### Program Learning Outcomes (PLOs)

1. Create beautiful apparel using the Principles and Elements of Design and following gospel standards.
2. Incorporate couture and industry-level construction techniques.
3. Build partnerships with and seek guidance from experts in the business and fashion industry.
4. Demonstrate expertise in the use of cutting-edge pattern-making technologies.

### Program Notes



- To graduate with a Bachelor's degree, a student must earn:
  - grades of C- or higher in major courses
  - a 2.0 cumulative GPA



Program Course Requirements ^**General Education****39**Total Credits ^

- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

**Core****29**Total Credits ^

- Complete all of the following
  - Take 1 of the following:
    - [FCS160](#) - Family Leadership and Resource Management (3)
    - [FCS340](#) - Money Management (3)
  - AND
  - Take 1 of the following:
    - [ACCTG180](#) - Survey of Accounting (3)
    - [ACCTG201](#) - Financial Accounting (3)
  - AND
  - Take 1 of the following:
    - [BUS210](#) - Small Business Creation (3)
    - [MKT353](#) - Web Business Creation (3)
  - AND
  - Take the following:
    - [ART125](#) - Adobe CC Basics (3)
    - [BUS300](#) - IBC Business Basics (3)
    - [BUS302](#) - IBC Business Leadership (3)
    - [BUS310](#) - Launching New Ventures (3)
    - [MKT301](#) - IBC Marketing (3)
    - [MKT351](#) - Social Media Marketing (3)
    - [FCS101](#) - Introduction to Family and Consumer Sciences (2)

**Experiential Learning****3 - 5**Total Credits ^

- Take the following:
  - [APD498R](#) - Apparel Entrepreneurship Internship (1 - 3)
  - [IDS499](#) - Interdisciplinary Capstone (2)

**Module(s)****28**Total Credits ^



- [APD235](#) - Children's Apparel Design (2)
  - [APD245](#) - Pattern Making (3)
  - [APD290](#) - CAD Pattern Making (2)
  - [APD325](#) - Fashion History (2)
  - [APD345](#) - Fitting and Alteration (3)
  - [FCS207](#) - Apparel Construction I (2)
  - [FCS208](#) - Fashion Design and Merchandising (2)
  - [FCS307](#) - Apparel Construction II (4)
  - [FCS360](#) - Textile Science (3)
- AND
- Take 3 credit(s) from:
    - [APD490R](#) - Special Studies in Apparel Design (1 - 3)

**Unspecified Electives****19**

Total Credits



- Take at least 19 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 118 - 120**

Degree

Bachelor of Science (BS)

Department

Department of Home and Family

# BYU-Idaho Academic Catalog

## Business Analytics (Major: Bachelor-Level)

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### Program Description

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Business Analytics graduates will be prepared to make immediate contributions in their careers as disciples of Jesus Christ and as leaders in their homes, the Church, and the community. The Business Analytics degree equips students with critical skills that help bridge the gap between business and data analysis. The degree includes a mix of business-related courses and data science and computer information technology courses. Students who complete this degree are prepared for careers as analysts in business analytics, finance, business management, supply chain management, and finance-related fields. The Business Analytics major is a STEM degree.

### Program Code

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686

### Program Learning Outcomes (PLOs)

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1. Be prepared to be a disciple of Jesus Christ in professional life.
2. Be proficient at data manipulation, visualization, modeling, and analysis.
3. Effectively communicate alternatives, recommendations, and solutions in a business setting through written, oral, and visual presentations.
4. Effectively use technology and data to tell a story to improve a business scenario or make a better decision.
5. Work effectively with others in decision making, team analyses, and creating team-based solutions.



- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- This degree is not available to online students.
- Students should take BUS 301 to fulfill their Advanced Writing Requirement.

## Program Course Requirements



### General Education

**39**

Total Credits

- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

**47 - 49**

Total Credits

- Complete all of the following

- Take the following:
  - [ACCTG201](#) - Financial Accounting (3)
  - [ACCTG202](#) - Managerial Accounting (3)
  - [BA211](#) - Business Fundamentals (3)
  - [BA215](#) - Spreadsheet Analysis for Business (3)
  - [BA300](#) - SQL for Analysts (3)
  - [BA315](#) - Business Analytics (3)
  - [BA398R](#) - Business Analytics Internship (1 - 3)
  - [CSE110](#) - Introduction to Programming (2)
  - [CSE111](#) - Programming with Functions (2)
  - [DS250](#) - Data Science Programming (2)
  - [DS350](#) - Data Wrangling and Visualization (3)
  - [ECON150](#) - Economic Principles and Problems-Micro (3)
  - [ECON151](#) - Economic Principles and Problems-Macro (3)
  - [FIN301](#) - Financial Management (3)
  - [MATH325](#) - Intermediate Statistics (3)
  - [SCM361](#) - Operations Management (3)

AND

- Take 1 of the following:
  - [BUS100](#) - Business Exploration and Orientation (1)
  - [FIN100](#) - Intro to Finance, Supply Chain Mgmt. and Business Analytics (1)

**Elective Major Credits****3**

Total Credits

- Take 3 credit(s) from:
  - [CSE450](#) - Machine Learning (3)
  - [DS460](#) - Big Data Programming and Analytics (3)
  - [FIN411](#) - Advanced Financial Modeling (3)
  - [MATH425](#) - Applied Linear Regression (3)
  - [MKT310](#) - Marketing Management (3)
  - [MKT420](#) - Marketing Analysis (3)

**Unspecified Electives****29**

Total Credits

- Take at least 29 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 118 - 120**

## Degree

Bachelor of Science (BS)

## Department

Department of Finance



# BYU-Idaho Academic Catalog

## Business Analytics (Minor)

### Program Description ^

A group of courses (23 credits) designed to encourage focused learning in Business Analytics, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

### Program Code

246

### Program Notes ^

- No grade less than C- in Minor courses.
- This minor is not available for the following major(s):
  - Business Analytics

### Program Course Requirements ^

#### Minor Core

20

Total Credits



- Complete all of the following



- [BASYS](#) - Business Analytics (3)

- [CSE110](#) - Introduction to Programming (2)  
AND
- Take 1 of the following:
  - [ECON278](#) - Statistics for Economists (3)
  - [MATH221A](#) - Business Statistics (3)
  - [MATH221D](#) - Introductory Statistics with R (3)
- AND
- Take 1 of the following:
  - [ACCTG201](#) - Financial Accounting (3)
  - [ECON150](#) - Economic Principles and Problems-Micro (3)

**Grand Total Credits: 20**

Department

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Department of Finance

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# BYU-Idaho Academic Catalog

## Business Fundamentals (Certificate)

### Program Description



This certificate introduces students to the fundamentals of business and gives them intermediate skills in spreadsheet analysis. This certificate contains introductory courses that are required for all three majors in the Department of Finance: Business Finance, Business Management Operations, and Business Analytics.

### Program Code

C105

### Program Learning Outcomes (PLOs)

1. Identify issues, analyze alternatives and choose or create reasoned solutions in a general business context.
2. Demonstrate proficiency with spreadsheet modeling.
3. Gain an ability to analyze transactions, apply them to the accounting cycle, prepare a trial balance, and compile financial statements.
4. Estimate and interpret demand and supply responsiveness measures in real-world situations.
5. Calculate data summaries and produce visualizations from data.

### Program Notes





- Completion of this certificate does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### Certificate Core

14 - 15



Total Credits

- Complete all of the following
  - Take the following:
    - [ACCTG201](#) - Financial Accounting (3)
    - [BA211](#) - Business Fundamentals (3)
    - [BA215](#) - Spreadsheet Analysis for Business (3)
    - [ECON150](#) - Economic Principles and Problems-Micro (3)
  - AND
  - Take 1 of the following:
    - [DS150](#) - Data Intuition and Insight (2)
    - [MATH221A](#) - Business Statistics (3)

**Grand Total Credits: 14 - 15**

## Department

Department of Finance

# BYU-Idaho Academic Catalog

## Child and Family Advocacy (Certificate)

### Program Description



This certificate provides training in effective advocacy at the individual, community, and public policy levels. Students will develop advanced communication skills in both writing and speaking, with an emphasis on instigating social change.

### Program Code

C137

### Program Learning Outcomes (PLOs)

1. Communicate persuasively regarding marriage and family.
2. Effectively use social media channels to advance causes related to healthy marriages and families.
3. Demonstrate innovative thinking about marriage and family.

### Program Notes



- To be awarded an academic certificate independent of a bachelor's or an associate degree, a student must earn:
  - grades of C- or higher in required courses
  - a minimum certificate program grade point average of 2.0



**Certificate Core**

15

Total Credits



- Complete all of the following
  - Take the following:
    - [BUS374](#) - Social Innovation (3)
    - [COMM102](#) - Public Speaking (3)
    - [FAML430](#) - Family and Community Relationships (3)
  - AND
  - Take 1 of the following:
    - [POLSC110](#) - American Government (3)
    - [POLSC170](#) - International Politics (3)
  - AND
  - Take 1 of the following:
    - [MKT351](#) - Social Media Marketing (3)
    - [SMMBC160](#) - Social Media Marketing Advocacy and Advertising (3)

**Grand Total Credits: 15**

Department

Department of Home and Family

# BYU-Idaho Academic Catalog

## Child Development (Cluster)

### Program Description



In the Child Development programs, we facilitate our students' growth in knowledge, skills, and dispositions that will lead them to nurture children, celebrate and protect childhood, and fulfill their divine purpose. The Child Development Cluster includes 13 credits of courses designed as an introduction to general principles of Child Development.

### Program Code

3000

### Program Course Requirements



#### Core Courses

3

Total Credits

- Take the following:
  - [CHILD210 - Child Development \(3\)](#)

#### Supplemental Courses

10

Total Credits

- Complete all of the following



- Take 7 credit(s) from:

- o [CHILD232](#) - Language and Literacy (2)
- o [CHILD234](#) - Fostering Development in Natural Settings (2)
- o [FAMIL120](#) - Parenting Skills (1)
- o [FAMIL160](#) - Family Relations (3)
- o [FAMIL220](#) - Parenting (3)
- o [NURSF110](#) - Pregnancy (1)
- o [SOC383](#) - Crime and Delinquency (3)

**Grand Total Credits: 13**

Department

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Department of Home and Family

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# BYU-Idaho Academic Catalog

## Child Development (Major: Associate-Level)

### Program Description



In the Child Development programs, we facilitate our students' growth in knowledge, skills, and dispositions that will lead them to nurture children, celebrate and protect childhood, and fulfill their divine purpose. The Early Child Development major is a two-year degree. It specifically prepares graduates to provide preschool experiences in home care environments, child care centers, or preschools in home and commercial settings, schools, and military installations. They will have the skills necessary to promote the physical, cognitive, emotional, and social development of preschool-aged children; provide a safe and nurturing environment; maintain facilities in compliance with appropriate standards; ensure a well-run, purposeful program that uses best practices; keep records; and work with families to meet the needs of children. The program includes two practical experiences working with young children in our on-campus BYU-Idaho Child Labs.

### Program Code

387

### Program Learning Outcomes (PLOs)

1. Implement appropriate, research-based practices that foster children's development in multiple domains.
2. Use a strengths-based approach, valuing the positive qualities of children, families, and communities.
3. Incorporate multiple instructional methods, focusing on practical, first-hand learning.
4. Adopt and follow guidelines of ethical behavior as we serve children, families, colleagues, and society.
5. Help children connect to the natural world physically, cognitively, emotionally, socially, and spiritually.
6. Follow our passions and seek joy in our studies, displaying creativity and integrity.



- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 60 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- The Early Child Development program is an Associate of Applied Science degree. Students may easily build upon the AAS degree to obtain a Bachelor's degree in Child Development.

## Program Course Requirements



### General Education

**18**

Total Credits



- Take at least 18 credit(s) to complete one of the following program(s): [GE - AAS](#)

### Core

**44**

Total Credits



- Take the following:

- [CHILD150](#) - Foundations of Early Childhood (3)
- [CHILD210](#) - Child Development (3)
- [CHILD230](#) - Curriculum for Young Children (3)
- [CHILD234](#) - Fostering Development in Natural Settings (2)
- [CHILD295](#) - Overview of the Profession (1)
- [CHILD300](#) - Infant and Toddler Development (3)
- [CHILD310](#) - Early and Middle Child Development (3)
- [CHILD330](#) - Parent Education (2)
- [CHILD350](#) - Observation and Assessment (2)
- [CHILD365](#) - Experience with Young Children (3)
- [CHILD365L](#) - Experience with Young Children Lab (3)
- [CHILD375](#) - Teaching Young Children (3)
- [CHILD375L](#) - Teaching Young Children Lab (3)
- [CHILD395](#) - Professional Skills and Responsibilities (1)
- [CHILD440](#) - Program Administration (3)
- [FAML220](#) - Parenting (3)
- [FAML430](#) - Family and Community Relationships (3)

**Grand Total Credits: 62****Degree**

# BYU-Idaho Academic Catalog

## Child Development (Major: Bachelor-Level)

### Program Description



In the Child Development programs, we facilitate our students' growth in knowledge, skills, and dispositions that will lead them to nurture children, celebrate and protect childhood, and fulfill their divine purpose. The Child Development major specifically prepares graduates to provide childcare; teach in or direct early childhood, after-school, or youth programs; offer parent education workshops and training; conduct fieldwork or research; and serve in government agencies, private for-profit programs, or non-profit organizations that support children and families. Graduates will have the skills necessary to promote the physical, cognitive, emotional, and social development of children from conception through adolescence; provide a safe and nurturing environment; maintain facilities in compliance with appropriate standards; ensure a well-run, purposeful program that uses best practices; keep records; and work with families.

### Program Code

730

### Program Learning Outcomes (PLOs)

1. Implement appropriate, research-based practices that foster children's development in multiple domains.
2. Use a strengths-based approach, valuing the positive qualities of children, families, and communities.
3. Incorporate multiple instructional methods, focusing on practical, first-hand learning.
4. Adopt and follow guidelines of ethical behavior as we serve children, families, colleagues, and society.
5. Help children connect to the natural world physically, cognitively, emotionally, socially, and spiritually.
6. Follow our passions and seek joy in our studies, displaying creativity and integrity.



- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### General Education

39

Total Credits



- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

50

Total Credits



- Complete all of the following

- Take the following:
  - [CHILD150](#) - Foundations of Early Childhood (3)
  - [CHILD210](#) - Child Development (3)
  - [CHILD230](#) - Curriculum for Young Children (3)
  - [CHILD234](#) - Fostering Development in Natural Settings (2)
  - [CHILD295](#) - Overview of the Profession (1)
  - [CHILD300](#) - Infant and Toddler Development (3)
  - [CHILD310](#) - Early and Middle Child Development (3)
  - [CHILD320](#) - Adolescent Development (3)
  - [CHILD330](#) - Parent Education (2)
  - [CHILD350](#) - Observation and Assessment (2)
  - [CHILD365](#) - Experience with Young Children (3)
  - [CHILD365L](#) - Experience with Young Children Lab (3)
  - [CHILD395](#) - Professional Skills and Responsibilities (1)
  - [CHILD400](#) - Research Methods (3)
  - [CHILD440](#) - Program Administration (3)
  - [CHILD495](#) - Launching into the Profession (1)
  - [CHILD498R](#) - Internship (2)
  - [FAML220](#) - Parenting (3)
  - [FAML430](#) - Family and Community Relationships (3)

AND

- Take 3 credit(s) from:



- Take at least 31 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 120**

Degree

Bachelor of Science (BS)

Department

Department of Home and Family

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# BYU-Idaho Academic Catalog

## Child Development (Minor)

### Program Description



In the Child Development programs, we facilitate our students' growth in knowledge, skills, and dispositions that will lead them to nurture children, celebrate and protect childhood, and fulfill their divine purpose. The Child Development minor can be attached to many degrees on campus, providing a powerful focus on children. The program includes one practical experience working with young children in our on-campus BYU-Idaho Child Labs.

### Program Code

199

### Program Notes



- No grade less than C- in required courses.
- Graduation in this program does not imply or guarantee licensure, certification reciprocity, or job attainment in Idaho or any other state or country.

### Program Course Requirements



**Core**

**24**

Total Credits



- Complete all of the following



- [CHILD291 - Fostering Development in Natural Settings](#) (4)

- o [CHILD295 - Overview of the Profession](#) (1)
  - o [CHILD365 - Experience with Young Children](#) (3)
  - o [CHILD365L - Experience with Young Children Lab](#) (3)
  - o [FAML220 - Parenting](#) (3)
- AND
- o Take 1 of the following:
  - o [CHILD300 - Infant and Toddler Development](#) (3)
  - o [CHILD310 - Early and Middle Child Development](#) (3)

**Grand Total Credits: 24**

Department

Department of Home and Family

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# BYU-Idaho Academic Catalog

## Creative Writing (Cluster)

### Program Description



A cluster of courses (12-15 credits) designed to prepare students in Creative Writing, supplemental to a major. The Creative Writing cluster provides students with experience in writing, publication, and audience awareness—skills that are transferable to almost any career choice. Students interested in creative fields such as film, theater, art, advertising, and fiction will enhance their abilities in language and aesthetics and gain a better understanding of online and print publication processes.

### Program Code

4203

### Program Notes



- Double counting between cluster and a major is allowed.

### Program Course Requirements



#### Core Courses

6

Total Credits



- Take the following:

Total Credits

- Take 2 of the following:
  - [ENG326 - Editing \(3\)](#)
  - [ENG351 - Fiction \(3\)](#)
  - [ENG352 - Poetry \(3\)](#)
  - [ENG353 - Drama \(3\)](#)
  - [ENG354 - Non-fiction \(3\)](#)
  - [ENG355 - Children's Literature \(3\)](#)
  - [ENG356 - Young Adult Literature \(3\)](#)
  - [ENG370R - Major Authors \(3\)](#)
  - [ENG418R - Creative Writing and Publishing \(3\)](#)

**Grand Total Credits: 12**

Department

Department of English



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# BYU-Idaho Academic Catalog

## Creative Writing (Minor)

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### Program Description

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The Creative Writing minor provides students with experience in writing, publication, and audience awareness—skills that are transferable to almost any career choice. Students interested in creative fields such as film, theater, art, advertising, and fiction will enhance their abilities in language and aesthetics and gain a better understanding of online and print publication processes. This degree also enhances student preparation in fields where employees are needed to develop language sensitivity and narrative understanding for specific organizations, products, or publication needs.

### Program Code

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278

### Program Learning Outcomes (PLOs)

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1. Refine their personal aesthetic as they create quality work in one or more genres.
2. Familiarize themselves with the publishing process, writing markets, and audience interests.
3. Recognize the value of creative writing in their lifelong learning and employment.

### Program Notes

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- No grade less than C- in required courses.
- No double counting of courses within the Minor.

**Core****9**

Total Credits



- Take the following:
  - [ENG218](#) - Creative Writing (3)
  - [ENG318R](#) - Advanced Creative Writing (3)
  - [ENG418R](#) - Creative Writing and Publishing (3)

**Skill Courses****3**

Total Credits



- Take 1 of the following:
  - [ENG325](#) - Language Theory - Grammar and Usage (3)
  - [ENG326](#) - Editing (3)

**Supplemental Courses****6**

Total Credits



- Take 2 of the following:
  - [ENG151](#) - Introduction to Literature (3)
  - [ENG217](#) - Great Books of the World (3)
  - [ENG326](#) - Editing (3)
  - [ENG336](#) - British and American Literature, 1965 to the present (3)
  - [ENG350R](#) - Themes in Literature (3)
  - [ENG351](#) - Fiction (3)
  - [ENG352](#) - Poetry (3)
  - [ENG353](#) - Drama (3)
  - [ENG354](#) - Non-fiction (3)
  - [ENG355](#) - Children's Literature (3)
  - [ENG356](#) - Young Adult Literature (3)
  - [ENG364](#) - US Multicultural and World Literature (3)
  - [ENG370R](#) - Major Authors (3)
  - [ENG373](#) - Shakespeare (3)

**Grand Total Credits: 18**

Department

Department of English

# BYU-Idaho Academic Catalog

## Earth Science Education (Major: Bachelor-Level)

### Program Description



The B.S. in Earth Science Education prepares students to teach Earth and Environmental Science in secondary schools (Grades 6-12) in Idaho. Earth Science Education majors take science courses in geology, astronomy, chemistry, and environmental science as well as the core secondary education courses. Students are required to complete the Natural Science minor which prepares them to teach any science courses at the middle through high school level. The capstone experience is student teaching for a semester.

### Program Code

840

### Program Learning Outcomes (PLOs)

1. Develop a proficient level of understanding of foundational teaching principles through the education core curriculum.
2. Explain the central concepts of the nature and impact of science and engineering.
3. Explain the central concepts of Earth's processes and materials.
4. Explain the central concepts of Earth's hydrosphere and atmosphere.
5. Explain the central concepts of astronomy.
6. Explain the central concepts of scientific inquiry.
7. Effectively use scientific inquiry to teach others about the core concepts of Earth science.





## Program Notes



- To graduate with a Bachelor's degree, a student must earn:
  - grades of C- or higher in major courses
  - a 2.0 cumulative GPA
  - a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- Most Geology and Physics classes are only offered once each year. Create a graduation plan early and follow it.
- Coursework in Geology and Chemistry satisfies major requirements as well as the General Education Natural Science requirement.

## Program Course Requirements



### General Education

33

Total Credits



- Take at least 33 credit(s) to complete one of the following program(s): [GE - TEACH](#)

### Education Core

30

Total Credits



- Take the following:

- [EDCOR200](#) - Teaching as a Profession (2)
- [EDCOR310](#) - Educational Psychology and Human Development (3)
- [EDCOR320](#) - Assessment Methods and Analysis (2)
- [EDCOR325](#) - Instructional Methods and Technology (3)
- [EDCOR340](#) - Diverse and Exceptional Students (3)
- [EDCOR364](#) - Literacy Foundations (2)
- [EDCOR464](#) - Content Area Reading and Writing (3)
- [EDCOR480](#) - Management and Professional Ethics (2)
- [EDCOR492](#) - Student Teaching (10)

### Introductory Core

18

Total Credits



- Take the following:

- [GESCI101](#) - From Atoms to Humans (3)
- [GEOL111](#) - Physical Geology (3)

**Math Core****5**

Total Credits



- Complete 1 of the following
  - Option 1:
    - Take the following:
      - [MATH109](#) - Precalculus (5)
  - Option 2:
    - Take the following:
      - [MATH110X](#) - College Algebra (3)
      - [MATH111](#) - Trigonometry (2)

**Core****13**

Total Credits



- Take the following:
  - [CHEM105](#) - General Chemistry I (3)
  - [CHEM105L](#) - General Chemistry Laboratory I (1)
  - [PH127](#) - Introduction to Astronomy (3)
  - [SCIED205](#) - Science Teaching Principles (2)
  - [SCIED405](#) - Science Teaching Methods (4)

**Component(s)****20**

Total Credits



Natural Science Education Minor

- Complete all of the following
  - Take at least 20 credit(s) to complete one of the following program(s): [130](#)
  - Double counting between the major and minor is allowed.

**Unspecified Electives****1**

Total Credits



- Take at least 1 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.



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Department

Department of Geology and Environmental Science

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# BYU-Idaho Academic Catalog

## English Education Composite (Major: Bachelor-Level)

### Program Description



The English Education degrees focus on educational theories and methods for teaching literature and composition in the public school classroom, grades 6-12. Coursework includes an introductory English module, a literature module, and an English module. Students in English Education – Only Field degree then select 6 additional credits of English courses. Students in English Education – First Field complete an education minor. Both degrees require a Teacher Education Core, which includes student teaching.

### Program Code

830

### Program Learning Outcomes (PLOs)

1. Develop effective English lesson plans for teaching in public schools.
2. Be able to teach effectively in a public school setting.
3. Reflect on teaching experience for future growth in the profession.

### Program Notes



- To graduate with a Bachelor's degree, a student must earn:
  - grades of C- or higher in major courses
  - a 2.0 cumulative GPA



Program Course Requirements ^**General Education****33**Total Credits ^

- Take at least 33 credit(s) to complete one of the following program(s): [GE - TEACH](#)

**Introductory Core****9**Total Credits ^

- Take the following:
  - [ENG251](#) - Fundamentals of Literary Interpretation (3)
  - [ENG314](#) - Advanced Research and Literary Analysis (3)
  - [ENG325](#) - Language Theory - Grammar and Usage (3)

**Core****19**Total Credits ^

- Complete all of the following
  - Take the following:
    - [ENG228L](#) - English Education Early Field Practicum (1)
    - [ENG329](#) - Writing Instruction Methods (3)
    - [ENG329L](#) - Writing Instruction Methods Lab (1)
    - [ENG356](#) - Young Adult Literature (3)
    - [ENG364](#) - US Multicultural and World Literature (3)
    - [ENG430](#) - Teaching English in Secondary Schools (3)
    - [ENG430L](#) - Teaching English in Secondary Schools Lab (2)
  - Take 1 of the following:
    - [ENG328](#) - Fundamentals of Rhetoric (3)
    - [ENG450](#) - Themes in Rhetoric (3)

**Experiential Learning****3**Total Credits ^

- Take 1 of the following:
  - [ENG452](#) - Advanced Professional Writing (3)
  - [ENG495](#) - Senior Writing Seminar (3)



## American Literature

- Take 1 of the following:
  - [ENG334](#) - American Literature - Colonial and Romantic (3)
  - [ENG335](#) - American Literature - Realism and Modernism (3)
  - [ENG336](#) - British and American Literature, 1965 to the present (3)

## British Literature

- Take 1 of the following:
  - [ENG331](#) - British Literature-Medieval and Renaissance (3)
  - [ENG332](#) - British Literature-Restoration to Romanticism (3)
  - [ENG333](#) - British Literature-Victorian and Modern (3)
  - [ENG336](#) - British and American Literature, 1965 to the present (3)

## Themes, Genres, Authors

- Take 1 of the following:
  - [ENG350R](#) - Themes in Literature (3)
  - [ENG351](#) - Fiction (3)
  - [ENG352](#) - Poetry (3)
  - [ENG353](#) - Drama (3)
  - [ENG354](#) - Non-fiction (3)
  - [ENG355](#) - Children's Literature (3)
  - [ENG370R](#) - Major Authors (3)
  - [ENG373](#) - Shakespeare (3)

**Supplemental Courses****6**

Total Credits



- Take 6 credit(s) from:
  - [ENG316](#) - Technical Writing and Communication (3)
  - [ENG321](#) - Technology for Professional Writers (3)
  - [ENG326](#) - Editing (3)
  - [ENG327](#) - History of English Language (3)
  - [ENG331](#) - British Literature-Medieval and Renaissance (3)
  - [ENG332](#) - British Literature-Restoration to Romanticism (3)
  - [ENG333](#) - British Literature-Victorian and Modern (3)
  - [ENG334](#) - American Literature - Colonial and Romantic (3)
  - [ENG335](#) - American Literature - Realism and Modernism (3)
  - [ENG336](#) - British and American Literature, 1965 to the present (3)
  - [ENG350R](#) - Themes in Literature (3)
  - [ENG351](#) - Fiction (3)
  - [ENG352](#) - Poetry (3)
  - [ENG353](#) - Drama (3)
  - [ENG354](#) - Non-fiction (3)

[ENG YOUR CAREER OF PROFESSIONAL WRITING \(3\)](#)

- [ENG418R - Creative Writing and Publishing \(3\)](#)
- [ENG452 - Advanced Professional Writing \(3\)](#)
- [ENG495 - Senior Writing Seminar \(3\)](#)

**Education Core****30**

Total Credits



- Take the following:
  - [EDCOR200 - Teaching as a Profession \(2\)](#)
  - [EDCOR310 - Educational Psychology and Human Development \(3\)](#)
  - [EDCOR364 - Literacy Foundations \(2\)](#)
  - [EDCOR320 - Assessment Methods and Analysis \(2\)](#)
  - [EDCOR325 - Instructional Methods and Technology \(3\)](#)
  - [EDCOR480 - Management and Professional Ethics \(2\)](#)
  - [EDCOR464 - Content Area Reading and Writing \(3\)](#)
  - [EDCOR492 - Student Teaching \(10\)](#)
  - [EDCOR340 - Diverse and Exceptional Students \(3\)](#)

**Unspecified Electives****11**

Total Credits



- Take at least 11 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 120**

Degree

Bachelor of Arts (BA)

Department

Department of English

# BYU-Idaho Academic Catalog

## English Education (Major: Bachelor-Level)

### Program Description



The English Education degrees focus on educational theories and methods for teaching literature and composition in the public school classroom, grades 6-12. Coursework includes an introductory English module, a literature module, and an English module. Students in English Education – Only Field degree then select 6 additional credits of English courses. Students in English Education – First Field complete an education minor. Both degrees require a Teacher Education Core, which includes student teaching.

### Program Code

836

### Program Learning Outcomes (PLOs)

1. Develop effective English lesson plans for teaching in public schools.
2. Teach effectively in a public school setting.
3. Reflect on teaching experience for future growth in the profession.

### Program Notes



- To graduate with a Bachelor's degree, a student must earn:
  - grades of C- or higher in major courses
  - a 2.0 cumulative GPA

Program Course Requirements ^**General Education****33**Total Credits ^

- Take at least 33 credit(s) to complete one of the following program(s): [GE - TEACH](#)

**Introductory Core****9**Total Credits ^

- Take the following:
  - [ENG251](#) - Fundamentals of Literary Interpretation (3)
  - [ENG314](#) - Advanced Research and Literary Analysis (3)
  - [ENG325](#) - Language Theory - Grammar and Usage (3)

**Core****19**Total Credits ^

- Complete all of the following
  - Take the following:
    - [ENG228L](#) - English Education Early Field Practicum (1)
    - [ENG329](#) - Writing Instruction Methods (3)
    - [ENG329L](#) - Writing Instruction Methods Lab (1)
    - [ENG356](#) - Young Adult Literature (3)
    - [ENG364](#) - US Multicultural and World Literature (3)
    - [ENG430](#) - Teaching English in Secondary Schools (3)
    - [ENG430L](#) - Teaching English in Secondary Schools Lab (2)
  - AND
    - Take 1 of the following:
      - [ENG328](#) - Fundamentals of Rhetoric (3)
      - [ENG450](#) - Themes in Rhetoric (3)

**Module(s)****9**Total Credits ^

- Complete all of the following
  - British Literature Module
    - Take 1 of the following:
      - [ENG331](#) - British Literature-Medieval and Renaissance (3)



- [ENG334](#) - American Literature - Colonial and Romantic (3)
- [ENG335](#) - American Literature - Realism and Modernism (3)
- [ENG336](#) - British and American Literature, 1965 to the present (3)

Themes, Genres, Authors Module

- Take 1 of the following:
  - [ENG350R](#) - Themes in Literature (3)
  - [ENG351](#) - Fiction (3)
  - [ENG352](#) - Poetry (3)
  - [ENG353](#) - Drama (3)
  - [ENG354](#) - Non-fiction (3)
  - [ENG355](#) - Children's Literature (3)
  - [ENG370R](#) - Major Authors (3)
  - [ENG373](#) - Shakespeare (3)

#### **Education Core**

**30**

Total Credits



- Take the following:

- [EDCOR200](#) - Teaching as a Profession (2)
- [EDCOR310](#) - Educational Psychology and Human Development (3)
- [EDCOR364](#) - Literacy Foundations (2)
- [EDCOR320](#) - Assessment Methods and Analysis (2)
- [EDCOR325](#) - Instructional Methods and Technology (3)
- [EDCOR480](#) - Management and Professional Ethics (2)
- [EDCOR464](#) - Content Area Reading and Writing (3)
- [EDCOR492](#) - Student Teaching (10)
- [EDCOR340](#) - Diverse and Exceptional Students (3)

#### **Component(s)**

**20 - 24**

Total Credits



- Complete 1 of the following

American Government Education Minor

- Take at least 24 credit(s) to complete one of the following program(s): [128](#)
- History Education Minor
- Take at least 23 credit(s) to complete one of the following program(s): [114](#)
- Mathematics Education Minor
- Take at least 20 credit(s) to complete one of the following program(s): [120](#)
- Spanish Education Minor
- Take at least 21 credit(s) to complete one of the following program(s): [188](#)
- TESOL Education Minor



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Bachelor of Arts (BA)

Department

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Department of English



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# BYU-Idaho Academic Catalog

## English Education (Minor)

### Program Description



A group of courses designed to encourage focused learning in English Education, complementary to an education first-field major or integrated standard degree.

### Program Code

134

### Program Learning Outcomes (PLOs)

1. Develop effective English lesson plans for teaching in public schools.
2. Be able to teach effectively in a public school setting.
3. Reflect on teaching experience for future growth in the profession.

### Program Course Requirements



#### Advanced Writing

19

Total Credits



- Take the following:
  - [ENG251](#) - Fundamentals of Literary Interpretation (3)



- ENGS30 - Young Adult Literature (3)

- [ENG364 - US Multicultural and World Literature \(3\)](#)

### British Literature

3

Total Credits



- Take 1 of the following:

- [ENG331 - British Literature-Medieval and Renaissance \(3\)](#)
- [ENG332 - British Literature-Restoration to Romanticism \(3\)](#)
- [ENG333 - British Literature-Victorian and Modern \(3\)](#)

### American Literature

3

Total Credits



- Take 1 of the following:

- [ENG334 - American Literature - Colonial and Romantic \(3\)](#)
- [ENG335 - American Literature - Realism and Modernism \(3\)](#)

**Grand Total Credits: 25**

Department

Department of English



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# BYU-Idaho Academic Catalog

## English Language and Usage (Cluster)

### Program Description



This cluster of courses (12-15 credits) is designed to prepare students in English Language and Usage, supplemental to a major. Students studying Language and Usage can go on to further study in linguistics, translation, and teaching English as a foreign language. Other students will be prepared for jobs in editing, publishing, and writing, and with companies that develop large language models (LLM) through artificial intelligence.

### Program Code

4303

### Program Learning Outcomes (PLOs)

1. Learn the principles, development, and structure of the English language.
2. Apply the language principles to a variety of documents, projects, and professional situations.
3. Connect academic theory and industry practice.

### Program Course Requirements



#### Core Courses

6

Total Credits



- Take the following:

Total Credits

- Take 2 of the following:
  - [ENG218](#) - Creative Writing (3)
  - [ENG252](#) - Rhetoric, Design, and Professionalization (3)
  - [ENG316](#) - Technical Writing and Communication (3)
  - [ENG321](#) - Technology for Professional Writers (3)
  - [ENG326](#) - Editing (3)
  - [ENG328](#) - Fundamentals of Rhetoric (3)

**Grand Total Credits: 12**

Department

Department of English

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# BYU-Idaho Academic Catalog

## English (Major: Bachelor-Level)

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### Program Description

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The English Department at BYU-Idaho prioritizes learning as a spiritual endeavor in a secular world. In keeping with the highest ideals of the Gospel of Jesus Christ, learning in the English Major is much more than simple content delivery or committing to memory a set of facts. The application of that knowledge with wisdom and virtue is ultimately what makes the English Major important for students in their private, professional, and public lives. The English Major is designed to help students be good people who are capable, adaptable, creative, and professional. English Majors apply the knowledge from their curriculum in employment related to their majors both directly and indirectly, and they demonstrate their knowledge and its application through clear communication and the ability to be ethically persuasive and to think critically about text, context, implication, and consequence. English majors find employment in a variety of fields including writing, editing, teaching, law, marketing, human resources, sales, and digital content management.

### Program Code

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630

### Program Learning Outcomes (PLOs)

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1. Read, interpret, and argue about a variety of literary and rhetorical texts.
2. Write clear, organized prose.
3. Demonstrate deep learning and critical thinking.

### Program Notes

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- grades of C or higher in major courses

- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits

- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- ENG 452 is recommended for majors pursuing careers in professional writing.
- ENG 495 is recommended for all other English Majors.
- ENG 398R is recommended for careers in professional writing and is useful for careers in many other fields.
- ENG 440 is recommended for literary studies and law school preparation.

## Program Course Requirements



### General Education

**39**

Total Credits



- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

**9**

Total Credits



- Take the following:

- [ENG251](#) - Fundamentals of Literary Interpretation (3)
- [ENG252](#) - Rhetoric, Design, and Professionalization (3)
- [ENG314](#) - Advanced Research and Literary Analysis (3)

### Module(s)

**21**

Total Credits



- Complete all of the following

#### British Literature Module

- Take 6 credit(s) from:
  - [ENG331](#) - British Literature-Medieval and Renaissance (3)
  - [ENG332](#) - British Literature-Restoration to Romanticism (3)
  - [ENG333](#) - British Literature-Victorian and Modern (3)
  - [ENG336](#) - British and American Literature, 1965 to the present (3)

#### American Literature Module

- Take 3 credit(s) from:
  - [ENG334](#) - American Literature - Colonial and Romantic (3)
  - [ENG335](#) - American Literature - Realism and Modernism (3)
  - [ENG336](#) - British and American Literature, 1965 to the present (3)

#### Literature Module

- Take 3 credit(s) from:

- [ENG351 - Non-fiction \(3\)](#)

- [ENG355](#) - Children's Literature (3)
  - [ENG356](#) - Young Adult Literature (3)
  - [ENG364](#) - US Multicultural and World Literature (3)
- Theory Module
- Take the following:
    - [ENG325](#) - Language Theory - Grammar and Usage (3)
    - [ENG328](#) - Fundamentals of Rhetoric (3)
    - [ENG373](#) - Shakespeare (3)

**Senior Project****3**

Total Credits



- Take 1 of the following:

- [ENG452](#) - Advanced Professional Writing (3)
- [ENG495](#) - Senior Writing Seminar (3)

**400-Level Courses****3**

Total Credits



- Take 1 of the following:

- [ENG400R](#) - Genres of Professional Writing (3)
- [ENG418R](#) - Creative Writing and Publishing (3)
- [ENG440](#) - Studies in Literary Theory (3)
- [ENG450](#) - Themes in Rhetoric (3)
- [ENG452](#) - Advanced Professional Writing (3)
- [ENG495](#) - Senior Writing Seminar (3)

**Elective Major Credits****15**

Total Credits



- Take 15 credit(s) from:

- [ENG218](#) - Creative Writing (3)
- [ENG290R](#) - Special Projects (1 - 3)
- [ENG316](#) - Technical Writing and Communication (3)
- [ENG318R](#) - Advanced Creative Writing (3)
- [ENG321](#) - Technology for Professional Writers (3)
- [ENG326](#) - Editing (3)
- [ENG327](#) - History of English Language (3)
- [ENG331](#) - British Literature-Medieval and Renaissance (3)
- [ENG332](#) - British Literature-Restoration to Romanticism (3)
- [ENG333](#) - British Literature-Victorian and Modern (3)



- [ENG351 - Fiction \(3\)](#)
  - o [ENG352 - Poetry \(3\)](#)
  - o [ENG353 - Drama \(3\)](#)
  - o [ENG354 - Non-fiction \(3\)](#)
  - o [ENG355 - Children's Literature \(3\)](#)
  - o [ENG356 - Young Adult Literature \(3\)](#)
  - o [ENG364 - US Multicultural and World Literature \(3\)](#)
  - o [ENG370R - Major Authors \(3\)](#)
  - o [ENG390R - Practicum in Applied English Studies \(1\)](#)
  - o [ENG397R - Practicum in Teaching College English \(1 - 3\)](#)
  - o [ENG398R - English Internship \(1 - 6\)](#)
  - o [ENG400R - Genres of Professional Writing \(3\)](#)
  - o [ENG418R - Creative Writing and Publishing \(3\)](#)
  - o [ENG440 - Studies in Literary Theory \(3\)](#)
  - o [ENG450 - Themes in Rhetoric \(3\)](#)
  - o [ENG452 - Advanced Professional Writing \(3\)](#)
  - o [ENG495 - Senior Writing Seminar \(3\)](#)

**Unspecified Electives****30**

Total Credits



- Take at least 30 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 120****Degree**

Bachelor of Arts (BA)

**Department**

Department of English



# BYU-Idaho Academic Catalog

## English (Minor)

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### Program Description

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A group of courses (18 credits) designed to encourage focused learning in writing, rhetoric, and literary analysis. This program complements an integrated standard degree or as an element of an Interdisciplinary Studies degree.

### Program Code

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133

### Program Learning Outcomes (PLOs)

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1. Students will begin to read, interpret, and argue about literary and rhetorical texts.
2. Students will begin to write clear, organized prose.
3. Students will begin to demonstrate deep learning and critical thinking.

### Program Notes

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- No grade less than C- in required courses.
- For specific recommendations regarding course selections, please visit the English Department in Rigby Hall 180.



Total Credits

- Take the following:
  - [ENG251](#) - Fundamentals of Literary Interpretation (3)
  - [ENG314](#) - Advanced Research and Literary Analysis (3)

12



Total Credits

**Supplemental Courses**

- Take 12 credit(s) from:
  - [ENG218](#) - Creative Writing (3)
  - [ENG252](#) - Rhetoric, Design, and Professionalization (3)
  - [ENG316](#) - Technical Writing and Communication (3)
  - [ENG318R](#) - Advanced Creative Writing (3)
  - [ENG321](#) - Technology for Professional Writers (3)
  - [ENG325](#) - Language Theory - Grammar and Usage (3)
  - [ENG326](#) - Editing (3)
  - [ENG327](#) - History of English Language (3)
  - [ENG328](#) - Fundamentals of Rhetoric (3)
  - [ENG331](#) - British Literature-Medieval and Renaissance (3)
  - [ENG332](#) - British Literature-Restoration to Romanticism (3)
  - [ENG333](#) - British Literature-Victorian and Modern (3)
  - [ENG334](#) - American Literature - Colonial and Romantic (3)
  - [ENG335](#) - American Literature - Realism and Modernism (3)
  - [ENG336](#) - British and American Literature, 1965 to the present (3)
  - [ENG350R](#) - Themes in Literature (3)
  - [ENG351](#) - Fiction (3)
  - [ENG352](#) - Poetry (3)
  - [ENG353](#) - Drama (3)
  - [ENG354](#) - Non-fiction (3)
  - [ENG355](#) - Children's Literature (3)
  - [ENG356](#) - Young Adult Literature (3)
  - [ENG364](#) - US Multicultural and World Literature (3)
  - [ENG370R](#) - Major Authors (3)
  - [ENG373](#) - Shakespeare (3)
  - [ENG390R](#) - Practicum in Applied English Studies (1)
  - [ENG400R](#) - Genres of Professional Writing (3)
  - [ENG418R](#) - Creative Writing and Publishing (3)
  - [ENG430](#) - Teaching English in Secondary Schools (3)
  - [ENG440](#) - Studies in Literary Theory (3)



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Department

Department of English



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# BYU-Idaho Academic Catalog

## Environmental Geoscience (Major: Bachelor-Level)

### Program Description



Are you interested in analyzing environmental problems and developing solutions to protect the environment and human health? Would you like a career where you can use your knowledge of science to help clean polluted areas, advise policymakers, or work with industry to reduce waste and follow regulations? Do you like geology and biology? If yes, then the B.S. in Environmental Geoscience may be for you.

Environmental Geoscience B.S. majors take courses in geology and biology that relate to environmental studies. The degree prepares students for employment as an entry-level environmental science technician or for graduate school in environmental science. The U.S. Department of Labor predicts that jobs in environmental science will grow 11% in the next ten years.

### Program Code

748

### Program Learning Outcomes (PLOs)

1. Explain the interaction between Earth processes and society using the fundamental principle of geology.
2. Apply the tools of environmental science to solve problems.
3. Demonstrate clear communication skills.
4. Demonstrate the ability to act in a professional manner.





- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- CHEM 101 or 105 satisfies major requirements as well as the General Education Natural Science requirement.
- Many geology courses are only offered once per year; create a grad plan early and follow it.
- Other recommended Courses (not required, but useful as electives): AGRON 425, CIT 110, CS 124, GEOL 420, GIS 355.
- Students can take GEOG 424 at the University of Idaho Falls Center and substitute it for Environmental Science, but must complete 3 credits from the list of "Other Recommended Courses" to finish their BYU-I requirements.

## Program Course Requirements



### General Education

39

Total Credits



- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Geology Core

16

Total Credits



- Take the following:
  - [GEOL111](#) - Physical Geology (3)
  - [GEOL111L](#) - Physical Geology Lab (1)
  - [GEOL112](#) - Historical Geology (4)
  - [GEOL230](#) - Oceanography and Meteorology (3)
  - [GEOL230L](#) - Oceanography and Meteorology Lab (1)
  - [GEOL351](#) - Earth Materials (3)
  - [GEOL351L](#) - Earth Materials Laboratory (1)

### Math Core

5 - 9

Total Credits



- Complete 1 of the following

Option 1:

- Take the following:
  - [MATH109](#) - Precalculus (5)
  - [MATH112X](#) - Calculus I (4)

Option 2:

- Take the following:
  - [MATH110X](#) - College Algebra (3)



- Complete all of the following

- Take the following:

- [GIS150](#) - Spatial Thinking (1)
    - [GIS250](#) - Spatial Analysis (3)
    - [GIS350](#) - Web and Mobile GIS (2)
    - [GEOL404](#) - Environmental Geology (3)
    - [GEOL435](#) - Groundwater Hydrology (3)
    - [GEOL498R](#) - Geology Internship (1)

AND

- Take 1 of the following:

- [MATH221A](#) - Business Statistics (3)
    - [MATH221B](#) - Biostatistics (3)
    - [MATH221C](#) - Social Science Statistics (3)
    - [MATH221D](#) - Introductory Statistics with R (3)

### Biology Core

11

Total Credits



- Take the following:

- [BIO302](#) - Ecology I (4)
  - [BIO362](#) - Stream Ecology (3)
  - [BIO423](#) - Natural Resources Law and Policy (4)

### Chemistry Core

8

Total Credits



- Complete 1 of the following

Option 1:

- Take the following:
- [CHEM101](#) - Introductory Chemistry (3)
      - [CHEM101L](#) - Introductory Chemistry Lab (1)
      - [CHEM250](#) - Introductory Organic and Biochemistry (3)
      - [CHEM250L](#) - Introductory Organic and Biochemistry Lab (1)

Option 2:

- Take the following:
- [CHEM105](#) - General Chemistry I (3)
      - [CHEM105L](#) - General Chemistry Laboratory I (1)
      - [CHEM106](#) - General Chemistry II (3)
      - [CHEM106L](#) - General Chemistry Laboratory II (1)



In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 120 - 124**

Degree

Bachelor of Science (BS)

Department

Department of Geology and Environmental Science

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# BYU-Idaho Academic Catalog

## Environmental, Health, and Safety (Cluster)

### Program Description



A cluster of courses (12-15 credits) designed to prepare students in Environmental, Health, and Safety, supplemental to a major.

### Program Code

1310

### Program Course Requirements



#### Core Courses

6

Total Credits



- Take the following:

- [OSH310](#) - Environmental Health (3)
- [OSH320](#) - Occupational Safety and Risk Management (3)

#### Supplemental Courses

6

Total Credits



- Take 6 credit(s) from:

- [CONST221](#) - Construction Safety (3)



- OSH487 - Introduction to Industrial Hygiene (3)
- o OSH488 - Hazardous Materials Management (2)

**Grand Total Credits: 12**

Department

Department of Health Services



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# BYU-Idaho Academic Catalog

## Epidemiology (Cluster)

In this course students will study graphical representations of data, measures of center and spread, elementary probability, sampling distributions, correlations and regression, statistical inference involving means, proportions, and contingency tables odds ratio and relative risk.

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in Epidemiology, earned to supplement a major.

### Program Code

1309

### Program Course Requirements

#### Core Courses

10

Total Credits

- Take the following:
  - [BIO221](#) - General Microbiology (3)
  - [BIO222](#) - General Microbiology Lab (1)
  - [PUBH370](#) - Epidemiology (3)
  - [MATH221B](#) - Biostatistics (3)

#### Supplemental Courses

2 - 3

Total Credits

- Take 1 of the following:



**Grand Total Credits: 12 - 13**

Department

Department of Health Services



### MATH221B Biostatistics (3 credits)

In this course students will study graphical representations of data, measures of center and spread, elementary probability, sampling distributions, correlations and regression, statistical inference involving means, proportions, and contingency tables, odds ratio and relative risk.

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# BYU-Idaho Academic Catalog

## Family Studies (Cluster)

### Program Description



A cluster of courses (12-15 credits) designed to prepare students in Family Studies, supplemental to a major.

### Program Code

3003

### Program Course Requirements



#### Core Courses

9

Total Credits



- Take the following:

- [FAML160](#) - Family Relations (3)
- [FAML220](#) - Parenting (3)
- [FAML300](#) - Marital Dynamics (3)

#### Supplemental Courses

3

Total Credits



- Take 3 credit(s) from:

- [CHILD210](#) - Child Development (3)





- [FAM400 - Family Stress and Coping \(3\)](#)

- [FAML400 - Family Theories and Dynamics \(3\)](#)
- [FAML420 - The Helping Relationship \(3\)](#)
- [FAML430 - Family and Community Relationships \(3\)](#)
- [FAML460 - Child and Family Advocacy \(3\)](#)
- [FCS160 - Family Leadership and Resource Management \(3\)](#)
- [FCS340 - Money Management \(3\)](#)
- [NURSF110 - Pregnancy \(1\)](#)
- [SOC311 - Sociology of the Family \(3\)](#)

**Grand Total Credits: 12**

Department

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Department of Home and Family

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# BYU-Idaho Academic Catalog

## Finance (Major: Bachelor-Level)

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### Program Description

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Finance graduates will be prepared to make immediate contributions in their finance careers as disciples of Jesus Christ and as leaders in their homes, the Church, and the community. There are a wide variety of career paths in the finance field, and there are finance careers in virtually all industries. Graduates' learning will be experiential and include cases, simulations, spreadsheets, and other software programs. The Finance major is a STEM degree.

### Program Code

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431

### Program Learning Outcomes (PLOs)

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1. Be prepared to be a disciple of Jesus Christ in professional life.
2. Identify issues, analyze alternatives, and choose or create reasoned solutions in a corporate finance context.
3. Understand and apply real-world investment principles.
4. Be proficient at spreadsheet modeling and analysis.
5. Effectively communicate alternatives, recommendations, and solutions in a business setting through written, oral, and visual presentations.
6. Effectively use technology to tell a story.
7. Work effectively with others in decision making, team analyses, and creating team-based solutions.



- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements ^

### General Education

**39**

Total Credits ^

- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

**38 - 40**

Total Credits ^

- Complete all of the following
  - Take the following:
    - [ACCTG201](#) - Financial Accounting (3)
    - [ACCTG202](#) - Managerial Accounting (3)
    - [BA211](#) - Business Fundamentals (3)
    - [BA215](#) - Spreadsheet Analysis for Business (3)
    - [BA315](#) - Business Analytics (3)
    - [ECON150](#) - Economic Principles and Problems-Micro (3)
    - [ECON151](#) - Economic Principles and Problems-Macro (3)
    - [FIN301](#) - Financial Management (3)
    - [FIN398R](#) - Business Finance Internship (1 - 3)
    - [FIN401](#) - Advanced Financial Management (3)
    - [FIN410](#) - Investments (3)
    - [MATH221A](#) - Business Statistics (3)
    - [SCM361](#) - Operations Management (3)

AND

- Take 1 of the following:
  - [BUS100](#) - Business Exploration and Orientation (1)
  - [FIN100](#) - Intro to Finance, Supply Chain Mgmt. and Business Analytics (1)

### Marketing and Leadership

**15**

Total Credits ^

- Complete 1 of the following



▼ [MKT310 - Marketing Management \(3\)](#)

AND

- Take 3 of the following:
  - [ACCTG312](#) - Cost Accounting (3)
  - [ACCTG321](#) - Income Taxation I (3)
  - [ECON353](#) - Money and Banking (3)
  - [FIN411](#) - Advanced Financial Modeling (3)
  - [FIN418](#) - Financial Planning (3)
  - [FIN475](#) - Financing New Ventures (3)

OPTION 2:

- Complete all of the following
  - Take the following:
    - [BUS321](#) - Organizational Leadership (3)
    - [MKT310](#) - Marketing Management (3)

AND

- Take 2 of the following:
  - [ACCTG312](#) - Cost Accounting (3)
  - [ACCTG321](#) - Income Taxation I (3)
  - [ECON353](#) - Money and Banking (3)
  - [FIN411](#) - Advanced Financial Modeling (3)
  - [FIN418](#) - Financial Planning (3)
  - [FIN475](#) - Financing New Ventures (3)

AND

- Take 1 of the following:
  - [BUS410](#) - Principles of Advanced Business Management (3)
  - [BUS499](#) - Principles of Business Strategy (3)
  - [ITM111](#) - Introduction to Databases (3)
  - [MKT370](#) - Professional Sales (3)

OPTION 3:

- Complete all of the following
  - Take the following:
    - [BUS300](#) - IBC Business Basics (3)
    - [BUS302](#) - IBC Business Leadership (3)
    - [MKT301](#) - IBC Marketing (3)

AND

- Take 2 of the following:
  - [ACCTG312](#) - Cost Accounting (3)
  - [ACCTG321](#) - Income Taxation I (3)
  - [ECON353](#) - Money and Banking (3)
  - [FIN411](#) - Advanced Financial Modeling (3)
  - [FIN418](#) - Financial Planning (3)



- Take at least 26 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 118 - 120**

Degree

Bachelor of Science (BS)

Department

Department of Finance



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# BYU-Idaho Academic Catalog

## Finance (Minor)

### Program Description ^

A group of courses designed to encourage focused learning in Finance, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

### Program Code

247

### Program Notes ^

- No grade less than C- in Minor courses.
- Not all courses are available online. Please check [www.byui.edu/online](http://www.byui.edu/online) for a list of courses offered online.
- This minor is not available for Finance majors.

### Program Course Requirements ^

**Core**

21

Total Credits

- Take the following:
  - [ACCTG201](#) - Financial Accounting (3)



- FIN410 - Advanced Financial Management (3)

- o [FIN410 - Investments \(3\)](#)

**Electives**

**3**

Total Credits



- Take 3 credit(s) from:
  - o [ACCTG202 - Managerial Accounting \(3\)](#)
  - o [BA315 - Business Analytics \(3\)](#)
  - o [ECON151 - Economic Principles and Problems-Macro \(3\)](#)
  - o [ECON355 - Investment Analysis \(3\)](#)
  - o [FIN411 - Advanced Financial Modeling \(3\)](#)
  - o [FIN418 - Financial Planning \(3\)](#)
  - o [FIN475 - Financing New Ventures \(3\)](#)

**Grand Total Credits: 24**

Department

Department of Finance



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# BYU-Idaho Academic Catalog

## Financial Planning (Minor)

### Program Description



The Financial Planning Minor helps students of all majors learn personal financial planning skills and concepts through its CFP® Board-Registered courses. It prepares students for making wise decisions with their personal finances and careers in personal financial services. For example, students may pursue careers with financial advisory firms, brokerage firms, mutual fund companies, insurance companies, banks, estate planning firms, accounting firms, or non-profit organizations to name a few. Upon completion of the Financial Planning Minor, students are eligible to take the CFP® Certification Examination.

### Program Code

272

### Program Notes



- No grade less than C- in required courses.

### Program Course Requirements



**Core**

25

Total Credits



- Take the following:



- FIN410 INVESTMENTS (3)

- o [FIN418](#) - Financial Planning (3)
- o [FIN497A](#) - Risk Management (2)
- o [FIN497B](#) - Estate Planning (2)
- o [FIN497C](#) - Financial Planning Capstone (3)

**Grand Total Credits: 25**

Department

Department of Finance

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# BYU-Idaho Academic Catalog

## Geography Education (Minor)

### Program Description



### Program Code

112

### Program Notes



- No grade less than C- in Minor courses.
- Education minors are required to maintain a 2.5 cumulative GPA to continue in the program.

### Program Course Requirements



**Core**

7

Total Credits

- Take the following:
  - [GEOG110](#) - Geography for Elementary Education (3)
  - [GEOG101](#) - Introduction Physical Geography (3)
  - [GEOG101L](#) - Physical Geography Lab (1)



- [GEOG320 - Geography and World Affairs](#) (3)
- [GEOG350 - Cultural Geography](#) (3)

**Regional Geography****3**

Total Credits



- Take 1 of the following:

- [GEOG320 - Geography of North America](#) (3)
- [GEOG321 - Geography of Developing Nations](#) (3)

**Methodology****4**

Total Credits



- Take the following:

- [GIS150 - Spatial Thinking](#) (1)
- [GIS250 - Spatial Analysis](#) (3)

**Experiential Learning****4**

Total Credits



- Take the following:

- [GEOG390 - Protected Landscapes](#) (3)
- [GEOG391R - Geography Field Experience](#) (1)

**Grand Total Credits: 21****Department**

Department of History, Geography and Political Science

# BYU-Idaho Academic Catalog

## Geography (Cluster)

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in Geography, supplemental to a major.

### Program Code

4000

### Program Course Requirements

#### Core Courses

14

Total Credits

- Take the following:
  - [GEOG101](#) - Introduction Physical Geography (3)
  - [GEOG101L](#) - Physical Geography Lab (1)
  - [GEOG120](#) - Geography and World Affairs (3)
  - [GEOG350](#) - Cultural Geography (3)
  - [GIS150](#) - Spatial Thinking (1)
  - [GIS250](#) - Spatial Analysis (3)

**Grand Total Credits: 14**

# BYU-Idaho Academic Catalog

## Geography (Minor)

### Program Description



A group of courses (20-24 credits) designed to encourage focused learning in Geography, complementary to an integrated standard degree or as an element of an Interdisciplinary Studies degree.

### Program Code

111



### Program Notes

- No grade less than C- in Minor courses.

### Program Course Requirements

**Physical Geography****4**

Total Credits



- Take the following:
  - [GEOG101](#) - Introduction Physical Geography (3)
  - [GEOG101L](#) - Physical Geography Lab (1)



» GEOG320 - Geography and World Affairs (3)

**Regional Geography****6**

Total Credits



- Take the following:
  - [GEOG320](#) - Geography of North America (3)
  - [GEOG321](#) - Geography of Developing Nations (3)

**Methodology****7**

Total Credits



- Complete all of the following
  - Take the following:
    - [GIS150](#) - Spatial Thinking (1)
    - [GIS250](#) - Spatial Analysis (3)
  - AND
  - Take 1 of the following:
    - [GEOG350](#) - Cultural Geography (3)
    - [GIS355](#) - Remote Sensing (3)
    - [GIS450A](#) - Applied GIS for Social Sciences (3)
    - [GIS450B](#) - Applied GIS for STEM (3)

**Experiential Learning****4**

Total Credits



- Take the following:
  - [GEOG390](#) - Protected Landscapes (3)
  - [GEOG391R](#) - Geography Field Experience (1)

**Grand Total Credits: 24**

Degree

Department

Department of History, Geography and Political Science

# BYU-Idaho Academic Catalog

## Geology (Major: Bachelor-Level)

### Program Description



Geology is the study of the structure, evolution and dynamics of the Earth and its natural mineral and energy resources. It is the science that examines the interactions of the Earth with the hydrosphere, atmosphere and biosphere. Geologists help evaluate and mitigate environmental issues and hazards due to earthquakes, climate change, floods, landslides, pollution, and help us gain essential mineral, water and energy resources.

Students who graduate with a Bachelor's degree in Geology are rigorously trained for a broad suite of careers, including preparation to go on for graduate studies in the geosciences.

### Program Code

740

### Program Learning Outcomes (PLOs)

1. Demonstrate an understanding of principle concepts of geology.
2. Demonstrate an ability to reason in four dimensions.
3. Interpret data across multiple scales.
4. Demonstrate an ability to communicate scientifically.
5. Demonstrate an ability to act in a professional manner.



- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- CHEM 105 and PH 121 satisfy major requirements as well as the General Education Natural Science requirement.
- MATH 112X satisfies a major requirement as well as the General Education Quantitative Reasoning requirement.
- Many Geology courses are only offered once per year; create a grad plan early and follow it.

## Program Course Requirements ^

### General Education

39

Total Credits

- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

30

Total Credits

- Take the following:
  - [GEOL111](#) - Physical Geology (3)
  - [GEOL111L](#) - Physical Geology Lab (1)
  - [GEOL112](#) - Historical Geology (4)
  - [GEOL301](#) - Geology Career Preparation (1)
  - [GEOL311](#) - Structural Geology (4)
  - [GEOL351](#) - Earth Materials (3)
  - [GEOL351L](#) - Earth Materials Laboratory (1)
  - [GEOL352](#) - Igneous and Metamorphic Petrology (3)
  - [GEOL370](#) - Sedimentology and Stratigraphy (4)
  - [GIS150](#) - Spatial Thinking (1)
  - [GIS250](#) - Spatial Analysis (3)
  - [GIS350](#) - Web and Mobile GIS (2)

### Experiential Learning

4

Total Credits

- Take the following:
  - [GEOL409](#) - Geoscience Field Methods (4)



- Take the following:
  - [CHEM105](#) - General Chemistry I (3)
  - [CHEM105L](#) - General Chemistry Laboratory I (1)

AND

- Take the following:
  - [PH121](#) - Principles of Physics I (3)
  - [PH150](#) - Beginning Physics Lab (1)

AND

- Take 1 of the following:
  - [GEOL430](#) - Subsurface Exploration (3)
  - [GEOL435](#) - Groundwater Hydrology (3)
  - [PH123](#) - Principles of Physics II (3)

**Supplemental Chemistry****3 - 4**

Total Credits



- Complete 1 of the following

Option 1:

- Take the following:
  - [GEOL420](#) - Geochemistry (3)

Option 2:

- Take the following:
  - [CHEM106](#) - General Chemistry II (3)
  - [CHEM106L](#) - General Chemistry Laboratory II (1)

**Math****7 - 8**

Total Credits



- Complete all of the following

- Take the following:
  - [MATH112X](#) - Calculus I (4)

AND

- Take 1 of the following:
  - [GEOL480](#) - Analytical Paleobiology (3)
  - [MATH221D](#) - Introductory Statistics with R (3)
  - [MATH215](#) - Multivariable Calculus (4)

**Elective Major Credits****6**

Total Credits



- Complete all of the following



- [GEOL130](#) - Subsurface Exploration (3)
  - o [GEOL435](#) - Groundwater Hydrology (3)
  - o [GEOL480](#) - Analytical Paleobiology (3)
  - o [GEOL490R](#) - Research Methods (1 - 4)
  - o [GEOL498R](#) - Geology Internship (1)
  - o [GIS450B](#) - Applied GIS for STEM (3)
- o No double counting

**Unspecified Electives****18**

Total Credits



- Take at least 18 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 118 - 120**

Degree

Bachelor of Science (BS)

Department

Department of Geology and Environmental Science

# BYU-Idaho Academic Catalog

## Geology (Minor)

### Program Description



A group of courses (20 credits) designed to encourage focused learning in Geology, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree. It is an ideal choice for a student interested in a career in which geology would be complementary such as disaster management, urban planning, environmental law or policy, forestry, data analytics, scientific illustration or writing, business, health science, etc.

### Program Code

154

### Program Notes



- No grade less than C- in Minor courses.
- Many Geology courses are offered only once per year.
- GEOL 351 and GEOL 351L must be taken together.

### Program Course Requirements



Core

8

Total Credits



- Take the following:

**Electives**

Total Credits

- Take 12 credit(s) from:
  - [GEOL230](#) - Oceanography and Meteorology (3)
  - [GEOL230L](#) - Oceanography and Meteorology Lab (1)
  - [GEOL311](#) - Structural Geology (4)
  - [GEOL351](#) - Earth Materials (3)
  - [GEOL351L](#) - Earth Materials Laboratory (1)
  - [GEOL352](#) - Igneous and Metamorphic Petrology (3)
  - [GEOL370](#) - Sedimentology and Stratigraphy (4)
  - [GEOL404](#) - Environmental Geology (3)
  - [GEOL420](#) - Geochemistry (3)
  - [GEOL430](#) - Subsurface Exploration (3)
  - [GEOL435](#) - Groundwater Hydrology (3)
  - [GEOL480](#) - Analytical Paleobiology (3)
  - [GIS150](#) - Spatial Thinking (1)
  - [GIS250](#) - Spatial Analysis (3)
  - [GIS350](#) - Web and Mobile GIS (2)
  - [GIS450B](#) - Applied GIS for STEM (3)

**Grand Total Credits: 20****Department**

Department of Geology and Environmental Science

# BYU-Idaho Academic Catalog

## GIS (Geographic Information Systems) (Certificate)

### Program Description



The GIS Certificate introduces students to location analysis through 4-dimensional spatial thinking, real-time spatial data gathering, and visualization of spatial data in maps and dynamic dashboards. Students learn basic cartography and gain communication and collaborative skills as they solve real-world scientific and societal problems in their discipline.

### Program Code

C184

### Program Learning Outcomes (PLOs)

1. Solve societal and scientific problems using location analysis.
2. Create and collect data for location/spatial analysis.
3. Organize and filter spatial data in a geodatabase.
4. Troubleshoot GIS issues regarding data, processing, and software.
5. Use maps and charts to visually communicate spatial information.
6. Extract and analyze visual and spatial information from remotely sensed imagery.

### Program Notes





- Completion of this certificate does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### Certificate Core

13 - 15



Total Credits

- Complete all of the following
  - Take the following:
    - [GIS150](#) - Spatial Thinking (1)
    - [GIS250](#) - Spatial Analysis (3)
    - [GIS350](#) - Web and Mobile GIS (2)
    - [GIS355](#) - Remote Sensing (3)
  - AND
  - Take 1 of the following:
    - [GIS450A](#) - Applied GIS for Social Sciences (3)
    - [GIS450B](#) - Applied GIS for STEM (3)
  - AND
  - Take 1 of the following:
    - [ITM111](#) - Introduction to Databases (3)
    - [CSE110](#) - Introduction to Programming (2)
    - [GIS255](#) - UAS-Based Mapping (2)
    - [GIS498](#) - GIS Internship (1)

**Grand Total Credits: 13 - 15**

## Department

Department of Geology and Environmental Science

# BYU-Idaho Academic Catalog

## Health and Wellness (Cluster)

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in Health and Wellness, supplemental to a major.

### Program Code

1300

### Program Course Requirements

#### Core Courses

17

Total Credits

- Take the following:
  - [PUBH132](#) - Personal Health and Wellness (3)
  - [RM223](#) - Wilderness First Aid (3)
  - [PUBH320](#) - Communicable and Non-Communicable Diseases (3)
  - [PUBH420](#) - Health Behavior Theories and Models (2)
  - [PUBH472](#) - Health Communications (3)
  - [NUTR150](#) - Essentials of Human Nutrition (3)

**Grand Total Credits: 17**

# BYU-Idaho Academic Catalog

## Healthcare Administration (Cluster)

### Program Description



A cluster of courses (12-15 credits) designed to prepare students in Healthcare Administration, supplemental to another major.

### Program Code

1308

### Program Course Requirements



#### Core Courses

14

Total Credits



- Take the following:
  - [HCA285](#) - Introduction to Healthcare Administration (3)
  - [HCA290](#) - Healthcare Law and Ethics (2)
  - [HCA340](#) - Managing Healthcare Provider Organizations (3)
  - [HCA360](#) - Healthcare Systems (3)
  - [HCA380](#) - Healthcare Strategy (3)

**Grand Total Credits: 14**



# BYU-Idaho Academic Catalog

## Healthcare Administration (Major: Bachelor-Level)

### Program Description



The Healthcare Administration program will prepare students to immediately: 1) elevate the business performance of healthcare provider organizations and 2) enable physicians, nurses, and other caregivers to provide the highest quality care in a positive environment.

### Program Code

752

### Program Learning Outcomes (PLOs)

1. Explain the principles of excellent leadership in healthcare organizations consistent with disciple leadership.
2. Describe how the complex U.S. healthcare industry operates.
3. Collaborate effectively with healthcare professionals to improve healthcare delivery.
4. Demonstrate how high-functioning healthcare organizations operate.
5. Gain practical work experience within a healthcare organization.

### Program Notes



- To graduate with a Bachelor's degree, a student must earn:

Program Course Requirements ^**General Education****39**Total Credits ^

- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

**Introductory Core****18**Total Credits ^

- Complete all of the following
  - Take the following:
    - [BIO230](#) - Essentials of Human Anatomy and Physiology (4)
    - [ECON150](#) - Economic Principles and Problems-Micro (3)
    - [HCA285](#) - Introduction to Healthcare Administration (3)
    - [HCA290](#) - Healthcare Law and Ethics (2)
    - [MATH221B](#) - Biostatistics (3)
  - AND
  - Take 1 of the following:
    - [BA215](#) - Spreadsheet Analysis for Business (3)
    - [BUS115](#) - Business Applications (3)

**Core****25**Total Credits ^

- Take the following:
  - [BUS301](#) - Advanced Writing in Professional Contexts (3)
  - [HCA340](#) - Managing Healthcare Provider Organizations (3)
  - [HCA360](#) - Healthcare Systems (3)
  - [HCA380](#) - Healthcare Strategy (3)
  - [HCA395](#) - Healthcare Insurance Industry (3)
  - [HCA445](#) - Healthcare Finance (3)
  - [HCA455](#) - Healthcare Operations (3)
  - [HCA490](#) - Healthcare Administration Capstone (2)
  - [HCA498R](#) - Internship (2)

**Module(s)****12**Total Credits ^



- [ACCTG201](#) - Financial Accounting (3)  
AND
- Take the following:
  - [BA211](#) - Business Fundamentals (3)
  - [FIN301](#) - Financial Management (3)
  - [SCM361](#) - Operations Management (3)

**Unspecified Electives****26**

Total Credits



- Take at least 26 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 120**

Degree

Bachelor of Science (BS)

Department

Department of Health Services



# BYU-Idaho Academic Catalog

## Healthcare Administration (Minor)

### Program Description



The Healthcare Administration program will prepare students to immediately 1) elevate the business performance of healthcare provider organizations and, 2) enable physicians, nurses, and other caregivers to provide the highest quality care in a positive environment. In addition to a bachelor's degree, the Healthcare Administration program offers a minor and a cluster which compliment many other programs on campus.

### Program Code

283

### Program Learning Outcomes (PLOs)

1. Explain the principles of excellent leadership in healthcare organizations consistent with disciple leadership.
2. Describe how the complex U.S. healthcare industry operates.
3. Collaborate effectively with healthcare professionals to improve healthcare delivery.
4. Demonstrate how high-functioning healthcare organizations operate.

### Program Course Requirements



Core

20 - 22

Total Credits





- [HCA360](#) - Healthcare Systems (3)
- [HCA380](#) - Healthcare Strategy (3)
- [HCA395](#) - Healthcare Insurance Industry (3)

AND

- Take 2 of the following:
  - [BA211](#) - Business Fundamentals (3)
  - [BA215](#) - Spreadsheet Analysis for Business (3)
  - [BIO230](#) - Essentials of Human Anatomy and Physiology (4)
  - [BUS115](#) - Business Applications (3)
  - [ECON150](#) - Economic Principles and Problems-Micro (3)
  - [HCA290](#) - Healthcare Law and Ethics (2)

**Grand Total Credits: 20 - 22**

Department

Department of Health Services

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# BYU-Idaho Academic Catalog

## History Education (Major: Bachelor-Level)

### Program Description



The History Education program is similar in many ways to a History degree, with the added emphasis of not only training students in historical skills and content but also giving them the pedagogical skills to teach the same. These skills include being broadly educated about the world, human nature, and cultural diversity, along with an increased capacity to read complex information, think critically to find relevant patterns, and communicate effectively and clearly. History Education graduates also develop a sizeable repertoire of lessons, pedagogies, and approaches to history for teaching at the secondary level.

### Program Code

815

### Program Learning Outcomes (PLOs)

1. Gain essential historical knowledge and understand its context.
2. Read, comprehend, and think critically about complex information and ideas.
3. Communicate clearly in both writing and speech.
4. Use historical understanding and skills to love and serve others as Christ would.
5. Invite others to engage in historical inquiry and positive civic action.

### Program Notes





- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### General Education

33

Total Credits



- Take at least 33 credit(s) to complete one of the following program(s): [GE - TEACH](#)

### Education Core

30

Total Credits



- Take the following:

- [EDCOR200](#) - Teaching as a Profession (2)
- [EDCOR310](#) - Educational Psychology and Human Development (3)
- [EDCOR320](#) - Assessment Methods and Analysis (2)
- [EDCOR325](#) - Instructional Methods and Technology (3)
- [EDCOR340](#) - Diverse and Exceptional Students (3)
- [EDCOR364](#) - Literacy Foundations (2)
- [EDCOR464](#) - Content Area Reading and Writing (3)
- [EDCOR480](#) - Management and Professional Ethics (2)
- [EDCOR492](#) - Student Teaching (10)

### Core

10

Total Credits



- Take the following:

- [HIST104](#) - History Skills and Careers (1)
- [HIST206](#) - Introduction to Secondary Methods (3)
- [HIST300](#) - Writing and Research in History (3)
- [HIST406](#) - Secondary Methods (3)

### Module(s)

12

Total Credits



- Complete all of the following

World Module

- Take the following:
  - [HIST201](#) - World History to 1500 (3)

**Elective Major Credits****15**

Total Credits



- Take 15 credit(s) from:
  - [HIST304](#) - Ancient Greece and Rome (3)
  - [HIST306](#) - Medieval History (3)
  - [HIST308](#) - Renaissance and Reformation (3)
  - [HIST309](#) - Early Modern European History (3)
  - [HIST310](#) - Modern European History (3)
  - [HIST311](#) - The Trojan War (3)
  - [HIST312](#) - The Golden Age of Athens (3)
  - [HIST313](#) - Roman Imperialism (3)
  - [HIST314](#) - Augustus and the Roman Empire (3)
  - [HIST315](#) - Anglo-Saxon England (3)
  - [HIST316](#) - The Crusades (3)
  - [HIST317](#) - The Byzantine Empire (3)
  - [HIST318](#) - The Medieval Papacy (3)
  - [HIST319](#) - The Hundred Years War (3)
  - [HIST320](#) - The Holocaust (3)
  - [HIST325](#) - Middle East: Muhammad to 1800 (3)
  - [HIST326](#) - Modern Middle East (3)
  - [HIST327](#) - The Islamic World (3)
  - [HIST330](#) - History of East Asia (3)
  - [HIST331](#) - South Asia (3)
  - [HIST335](#) - Africa since 1400 (3)
  - [HIST341](#) - Colonial Latin American History (3)
  - [HIST342](#) - Modern Latin American History (3)
  - [HIST363](#) - The American West (3)
  - [HIST370](#) - Early American History to 1800 (3)
  - [HIST372](#) - Civil War and Reconstruction (3)
  - [HIST376](#) - U.S. Industrial Age 1870-1945 (3)
  - [HIST378](#) - United States History Since 1945 (3)
  - [HIST380](#) - U.S. Constitutional History and Law (3)
  - [HIST381](#) - The History of Film in America (3)
  - [HIST382](#) - U.S. Women's History (3)
  - [HIST390R](#) - Special Topics in History (3)
  - [HIST392](#) - History of Peace (3)
  - [HIST393](#) - Environmental History of Protected Landscapes (3)
  - [HIST394](#) - Public History (3)

Total Credits

- Complete 1 of the following
  - American Government Education Minor
    - Take at least 24 credit(s) to complete one of the following program(s): [128](#)
  - English Education Minor
    - Take at least 25 credit(s) to complete one of the following program(s): [134](#)
  - Geography Education Minor
    - Take at least 21 credit(s) to complete one of the following program(s): [112](#)
  - Mathematics Education Minor
    - Take at least 20 credit(s) to complete one of the following program(s): [120](#)
  - Spanish Education Minor
    - Take at least 21 credit(s) to complete one of the following program(s): [188](#)
  - TESOL Education Minor
    - Take at least 21 credit(s) to complete one of the following program(s): [195](#)

**Grand Total Credits: 120 - 125**

Degree

Bachelor of Arts (BA)

Department

Department of History, Geography and Political Science



# BYU-Idaho Academic Catalog

## History Education (Minor)

### Program Description



A group of courses (23-24 credits) designed to encourage focused learning in History Education, complementary to an education major outside of the area of history.

### Program Code

114

### Program Notes



- No grade less than C- in Minor courses.

### Program Course Requirements



#### Core Courses

23 - 24

Total Credits



- Complete 1 of the following

Elementary Education Majors

- Complete all of the following



- [HIST201](#) - World History to 1800 (3)
- [HIST202](#) - Modern World History (3)
  - [HIST207](#) - Middle School Practicum (3)
  - [POLSC110](#) - American Government (3)
  - Take 1 of the following:
    - [HIST304](#) - Ancient Greece and Rome (3)
    - [HIST306](#) - Medieval History (3)
    - [HIST308](#) - Renaissance and Reformation (3)
    - [HIST309](#) - Early Modern European History (3)
    - [HIST310](#) - Modern European History (3)
    - [HIST311](#) - The Trojan War (3)
    - [HIST312](#) - The Golden Age of Athens (3)
    - [HIST313](#) - Roman Imperialism (3)
    - [HIST314](#) - Augustus and the Roman Empire (3)
    - [HIST315](#) - Anglo-Saxon England (3)
    - [HIST316](#) - The Crusades (3)
    - [HIST317](#) - The Byzantine Empire (3)
    - [HIST318](#) - The Medieval Papacy (3)
    - [HIST319](#) - The Hundred Years War (3)
    - [HIST320](#) - The Holocaust (3)
    - [HIST325](#) - Middle East: Muhammad to 1800 (3)
    - [HIST326](#) - Modern Middle East (3)
    - [HIST327](#) - The Islamic World (3)
    - [HIST330](#) - History of East Asia (3)
    - [HIST331](#) - South Asia (3)
    - [HIST335](#) - Africa since 1400 (3)
    - [HIST341](#) - Colonial Latin American History (3)
    - [HIST342](#) - Modern Latin American History (3)
    - [HIST363](#) - The American West (3)
    - [HIST370](#) - Early American History to 1800 (3)
    - [HIST372](#) - Civil War and Reconstruction (3)
    - [HIST376](#) - U.S. Industrial Age 1870-1945 (3)
    - [HIST378](#) - United States History Since 1945 (3)
    - [HIST380](#) - U.S. Constitutional History and Law (3)
    - [HIST381](#) - The History of Film in America (3)
    - [HIST382](#) - U.S. Women's History (3)
    - [HIST390R](#) - Special Topics in History (3)
    - [HIST392](#) - History of Peace (3)
    - [HIST393](#) - Environmental History of Protected Landscapes (3)
    - [HIST394](#) - Public History (3)

- [HIST121](#) - U.S. History Since 1877 (3)
- [HIST201](#) - World History to 1500 (3)
- [HIST202](#) - Modern World History (3)
- [HIST206](#) - Introduction to Secondary Methods (3)
- [POLSC110](#) - American Government (3)
- Take 2 of the following:
  - [HIST304](#) - Ancient Greece and Rome (3)
  - [HIST306](#) - Medieval History (3)
  - [HIST308](#) - Renaissance and Reformation (3)
  - [HIST309](#) - Early Modern European History (3)
  - [HIST310](#) - Modern European History (3)
  - [HIST311](#) - The Trojan War (3)
  - [HIST312](#) - The Golden Age of Athens (3)
  - [HIST313](#) - Roman Imperialism (3)
  - [HIST314](#) - Augustus and the Roman Empire (3)
  - [HIST315](#) - Anglo-Saxon England (3)
  - [HIST316](#) - The Crusades (3)
  - [HIST317](#) - The Byzantine Empire (3)
  - [HIST318](#) - The Medieval Papacy (3)
  - [HIST319](#) - The Hundred Years War (3)
  - [HIST320](#) - The Holocaust (3)
  - [HIST325](#) - Middle East: Muhammad to 1800 (3)
  - [HIST326](#) - Modern Middle East (3)
  - [HIST327](#) - The Islamic World (3)
  - [HIST330](#) - History of East Asia (3)
  - [HIST331](#) - South Asia (3)
  - [HIST335](#) - Africa since 1400 (3)
  - [HIST341](#) - Colonial Latin American History (3)
  - [HIST342](#) - Modern Latin American History (3)
  - [HIST363](#) - The American West (3)
  - [HIST370](#) - Early American History to 1800 (3)
  - [HIST372](#) - Civil War and Reconstruction (3)
  - [HIST376](#) - U.S. Industrial Age 1870-1945 (3)
  - [HIST378](#) - United States History Since 1945 (3)
  - [HIST380](#) - U.S. Constitutional History and Law (3)
  - [HIST381](#) - The History of Film in America (3)
  - [HIST382](#) - U.S. Women's History (3)
  - [HIST390R](#) - Special Topics in History (3)
  - [HIST392](#) - History of Peace (3)



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Department

Department of History, Geography and Political Science



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# BYU-Idaho Academic Catalog

## History (Major: Bachelor-Level)

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### Program Description

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Rather than train for a narrow profession, students in History acquire highly transferable skills that apply to a wide range of careers. These skills include being broadly educated about the world, human nature, and cultural diversity, along with an increased capacity to read complex information, think critically to find relevant patterns, and communicate effectively and clearly. Given the broad applicability of history-related skills—especially the ability to read, think, and write well—history graduates find work and thrive in a variety of personal and professional pursuits.

### Program Code

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625

### Program Learning Outcomes (PLOs)

---

1. Gain essential historical knowledge and understand its context.
2. Read and comprehend complex information and ideas.
3. Think critically about the past, its sources, and its interpretations.
4. Communicate clearly in both writing and speech.
5. Use historical understanding and skills to love and serve others as Christ would.

### Program Notes

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- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### General Education

39

Total Credits



- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

13 - 15

Total Credits



- Complete all of the following

- Take this course during your first or second semester:
- Take the following:
  - [HIST104](#) - History Skills and Careers (1)
- Take this course by the end of your sophomore year:
- Take the following:
  - [HIST300](#) - Writing and Research in History (3)
- Take this course during your senior year:
- Take the following:
  - [HIST490](#) - Senior Thesis (3)

#### Cultural Core

- Complete 1 of the following
  - Take the following:
    - [GEOG120](#) - Geography and World Affairs (3)
    - [GEOG321](#) - Geography of Developing Nations (3)
  - Take the following:
    - [POLSC150](#) - Introduction to Comparative Politics (3)
    - [POLSC170](#) - International Politics (3)
  - Take the following:
    - [ECON150](#) - Economic Principles and Problems-Micro (3)
    - [ECON151](#) - Economic Principles and Problems-Macro (3)
  - Take the following:
    - [CHIN101](#) - Beginning Mandarin I (4)
    - [CHIN102](#) - Beginning Mandarin II (4)



- [GREEK101](#) - Ancient Greek I (4)
  - [GREEK102](#) - Ancient Greek II (4)
- Take the following:
  - [HEB101](#) - Biblical Hebrew I (3)
  - [HEB102](#) - Biblical Hebrew II (3)
- Take the following:
  - [LATIN101](#) - Latin I (4)
  - [LATIN102](#) - Latin II (4)
- Take the following:
  - [RUSS101](#) - Beginning Russian I (4)
  - [RUSS102](#) - Beginning Russian II (4)
- Take the following:
  - [SPAN101](#) - Beginning Spanish I (4)
  - [SPAN102](#) - Beginning Spanish II (4)
- Take the following:
  - [ANTH101](#) - Introduction to Cultural Anthropology (3)
  - [SOC111](#) - Introduction to Sociology (3)

**Module(s)****33**

Total Credits



- Complete all of the following

**Historical Studies Module**

- Take 21 credit(s) from:
  - [HIST304](#) - Ancient Greece and Rome (3)
  - [HIST306](#) - Medieval History (3)
  - [HIST308](#) - Renaissance and Reformation (3)
  - [HIST309](#) - Early Modern European History (3)
  - [HIST310](#) - Modern European History (3)
  - [HIST311](#) - The Trojan War (3)
  - [HIST312](#) - The Golden Age of Athens (3)
  - [HIST313](#) - Roman Imperialism (3)
  - [HIST314](#) - Augustus and the Roman Empire (3)
  - [HIST315](#) - Anglo-Saxon England (3)
  - [HIST316](#) - The Crusades (3)
  - [HIST317](#) - The Byzantine Empire (3)
  - [HIST318](#) - The Medieval Papacy (3)
  - [HIST319](#) - The Hundred Years War (3)
  - [HIST320](#) - The Holocaust (3)
  - [HIST325](#) - Middle East: Muhammad to 1800 (3)

- [HIST333](#) - United States History Since 1800 (3)

- o [HIST341](#) - Colonial Latin American History (3)
- o [HIST342](#) - Modern Latin American History (3)
- o [HIST363](#) - The American West (3)
- o [HIST370](#) - Early American History to 1800 (3)
- o [HIST372](#) - Civil War and Reconstruction (3)
- o [HIST376](#) - U.S. Industrial Age 1870-1945 (3)
- o [HIST378](#) - United States History Since 1945 (3)
- o [HIST380](#) - U.S. Constitutional History and Law (3)
- o [HIST381](#) - The History of Film in America (3)
- o [HIST382](#) - U.S. Women's History (3)
- o [HIST390R](#) - Special Topics in History (3)
- o [HIST392](#) - History of Peace (3)
- o [HIST393](#) - Environmental History of Protected Landscapes (3)
- o [HIST394](#) - Public History (3)
- o [HIST395](#) - History of Religions (3)

#### World Module

- o Take the following:
  - o [HIST201](#) - World History to 1500 (3)
  - o [HIST202](#) - Modern World History (3)

#### American Module

- o Take the following:
  - o [HIST120](#) - U.S. History to 1877 (3)
  - o [HIST121](#) - U.S. History Since 1877 (3)

### Unspecified Electives

**33**

Total Credits



- Take at least 33 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 118 - 120**

Degree

Bachelor of Arts (BA)

Department

Department of History, Geography and Political Science

# BYU-Idaho Academic Catalog

## History (Minor)

### Program Description ^

A group of courses (22 credits) designed to encourage focused learning in History, complementary to an integrated standard degree or as an element of an Interdisciplinary Studies degree.

### Program Code

113

### Program Notes ^

- No grade less than C- in Minor courses.

### Program Course Requirements ^

**Core**

**22**

Total Credits

^

- Complete all of the following
  - Take the following:
    - [HIST104](#) - History Skills and Careers (1)



- [HIST300](#) Writing and Research in History (3)

AND

- o Take 6 credit(s) from:
  - o [HIST304](#) - Ancient Greece and Rome (3)
  - o [HIST306](#) - Medieval History (3)
  - o [HIST308](#) - Renaissance and Reformation (3)
  - o [HIST309](#) - Early Modern European History (3)
  - o [HIST310](#) - Modern European History (3)
  - o [HIST311](#) - The Trojan War (3)
  - o [HIST312](#) - The Golden Age of Athens (3)
  - o [HIST313](#) - Roman Imperialism (3)
  - o [HIST314](#) - Augustus and the Roman Empire (3)
  - o [HIST315](#) - Anglo-Saxon England (3)
  - o [HIST316](#) - The Crusades (3)
  - o [HIST317](#) - The Byzantine Empire (3)
  - o [HIST318](#) - The Medieval Papacy (3)
  - o [HIST319](#) - The Hundred Years War (3)
  - o [HIST320](#) - The Holocaust (3)
  - o [HIST325](#) - Middle East: Muhammad to 1800 (3)
  - o [HIST326](#) - Modern Middle East (3)
  - o [HIST327](#) - The Islamic World (3)
  - o [HIST330](#) - History of East Asia (3)
  - o [HIST331](#) - South Asia (3)
  - o [HIST335](#) - Africa since 1400 (3)
  - o [HIST341](#) - Colonial Latin American History (3)
  - o [HIST342](#) - Modern Latin American History (3)
  - o [HIST363](#) - The American West (3)
  - o [HIST370](#) - Early American History to 1800 (3)
  - o [HIST372](#) - Civil War and Reconstruction (3)
  - o [HIST376](#) - U.S. Industrial Age 1870-1945 (3)
  - o [HIST378](#) - United States History Since 1945 (3)
  - o [HIST380](#) - U.S. Constitutional History and Law (3)
  - o [HIST381](#) - The History of Film in America (3)
  - o [HIST382](#) - U.S. Women's History (3)
  - o [HIST390R](#) - Special Topics in History (3)
  - o [HIST392](#) - History of Peace (3)
  - o [HIST393](#) - Environmental History of Protected Landscapes (3)
  - o [HIST395](#) - History of Religions (3)

**Grand Total Credits: 22**

# BYU-Idaho Academic Catalog

## Home and Family Living (Minor)

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### Program Description

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^

A group of courses (20-24 credits) designed to encourage focused learning in Home and Family Living, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

### Program Code

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155

### Program Learning Outcomes (PLOs)

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1. Learn basic knowledge of managing a home and family life.
2. Understand how to provide nutritional foods for a family.
3. Demonstrate basic sewing skills.
4. Examine the development of relationships within families.

### Program Notes

---

^

- No grade less than C- in Minor courses.





## Total Credits

- Take 2 of the following:
  - [FCS140](#) - Introduction to Interior Design (3)
  - [FCS160](#) - Family Leadership and Resource Management (3)
  - [FCS340](#) - Money Management (3)

**Nutrition Courses****6**

## Total Credits



- Complete all of the following
  - Take 3 credit(s) from:
    - [FCS110](#) - Food Safety and Sanitation (1)
    - [FCS240](#) - Food Preparation (2)
    - [FCS364](#) - Science of Meal Management (3)
  - AND
  - Take 3 credit(s) from:
    - [NUTR112](#) - Nutrition and Young Children (2)
    - [NUTR150](#) - Essentials of Human Nutrition (3)
    - [NUTR330](#) - Nutrition in the Life Cycle (3)

**Apparel Courses****5**

## Total Credits



- Complete all of the following
  - Take between 5 and 6 credits from the options below:
  - Take 5 credit(s) from:
    - [FCS207](#) - Apparel Construction I (2)
    - [APD221](#) - Home Decor Design (2)
    - [APD235](#) - Children's Apparel Design (2)
    - [APD245](#) - Pattern Making (3)
    - [FCS307](#) - Apparel Construction II (4)

**Family Courses****6**

## Total Credits



- Take 6 credit(s) from:
  - [CHILD210](#) - Child Development (3)
  - [FAML160](#) - Family Relations (3)
  - [FAML220](#) - Parenting (3)
  - [FAML300](#) - Marital Dynamics (3)



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Department of Home and Family

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# BYU-Idaho Academic Catalog

## Home Design (Minor)

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### Program Description

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A group of courses (20-24 credits) designed to encourage focused learning in Home Design, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

### Program Code

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198

### Program Learning Outcomes (PLOs)

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1. Explore various aspects of design that impact the home.
2. Investigate career options in the field of Home Design.
3. Complete projects applying the principles and elements of design.
4. Design a healthy and safe environment that enhances the quality of life for individuals and families.

### Program Notes

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- No grade less than C- in Minor courses.
- This Minor does not prepare students for the Interior Design profession.





## Total Credits

- Take the following:
  - [VDC190](#) - Building Information Modeling I (3)
  - [FCS140](#) - Introduction to Interior Design (3)
  - [FCS280](#) - History of Architecture and Interiors (3)
  - [FCS340](#) - Money Management (3)
  - [FCS360](#) - Textile Science (3)

**Supplemental Courses****7 - 8**

## Total Credits



- Complete all of the following
  - Take 1 of the following:
    - [APD221](#) - Home Decor Design (2)
    - [FCS355](#) - Kitchen and Bath Design (3)
  - AND
  - Take the following:
    - [HORT325](#) - Interiorscaping (2)
  - AND
  - Take 1 of the following:
    - [VDC180](#) - Presentation Graphics I (3)
    - [ART110](#) - Drawing I (3)

**Grand Total Credits: 22 - 23**

## Department

Department of Home and Family

# BYU-Idaho Academic Catalog

## Human Services (Certificate)

### Program Description



This certificate gives students the skills that pertain to helping people, such as conflict management, goal-setting, and active listening. Students will also learn how to help individuals and families cope effectively with stress.

### Program Code

C143

### Program Learning Outcomes (PLOs)

1. Effectively communicate principles pertaining to helping individuals and families in distress.
2. Apply effective interpersonal skills pertaining to human service work.

### Program Notes



- To be awarded an academic certificate independent of a bachelor's or an associate degree, a student must earn:
  - grades of C- or higher in required courses
  - a minimum certificate program grade point average of 2.0
- Completion of this certificate does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.



Total Credits

- Complete all of the following
  - Take the following:
    - [FAML360](#) - Family Stress and Coping (3)
    - [FAML420](#) - The Helping Relationship (3)
    - [FAML430](#) - Family and Community Relationships (3)
    - [SW463](#) - Child Welfare Services (3)
  - AND
  - Take 1 of the following:
    - [PUBH460](#) - Drugs of Use and Abuse (3)
    - [PSYCH342](#) - Abnormal Psychology (3)

**Grand Total Credits: 15**

Department

Department of Home and Family

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# BYU-Idaho Academic Catalog

## International Studies (Cluster)

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in International Studies, supplemental to a major.

### Program Code

4005

### Program Course Requirements

#### Core Courses

6

Total Credits

- Take the following:
  - [POLSC170](#) - International Politics (3)
  - [POLSC390](#) - American Foreign Policy (3)

#### Supplemental Courses

6

Total Credits

- Complete all of the following
  - Take 1 of the following:
    - [ANTH101](#) - Introduction to Cultural Anthropology (3)



- [HIST330 - Latin American Culture](#) (3)

- Take 1 of the following:
  - [HIST309 - Early Modern European History](#) (3)
  - [HIST310 - Modern European History](#) (3)
  - [HIST320 - The Holocaust](#) (3)
  - [HIST326 - Modern Middle East](#) (3)
  - [HIST330 - History of East Asia](#) (3)
  - [HIST335 - Africa since 1400](#) (3)
  - [HIST341 - Colonial Latin American History](#) (3)
  - [HIST342 - Modern Latin American History](#) (3)

**Grand Total Credits: 12**

Department

Department of History, Geography and Political Science

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# BYU-Idaho Academic Catalog

## Introduction to English Studies (Cluster)

### Program Description



A cluster of courses (12-15 credits) designed to prepare students in English Studies (Introduction), supplemental to a major.

### Program Code

4207

### Program Course Requirements



#### Core Courses

6

Total Credits



- Take the following:

- [ENG251](#) - Fundamentals of Literary Interpretation (3)
- [ENG252](#) - Rhetoric, Design, and Professionalization (3)

#### Supplemental Courses

6

Total Credits



- Complete all of the following
  - Take 1 of the following:





- [ENG326](#) - Editing (3)
- [ENG327](#) - History of English Language (3)

**Grand Total Credits: 12**

Department

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Department of English

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# BYU-Idaho Academic Catalog

## Language Studies (Minor)

### Program Description



Students in the Language Studies minor can go on to further study in linguistics, translation and interpretation, editing, data science, and computer programming. Other students will be prepared for jobs in companies that develop large language models (LLM) through artificial intelligence. With the careful selection of classes, students who complete this minor could receive a TESOL certificate or a cluster in English Language and Usage.

### Program Code

291

### Program Learning Outcomes (PLOs)

1. Learn the principles, development, and structure of the English language.
2. Learn the grammatical principles and structure of one or more foreign languages.
3. Apply the language principles to a variety of documents, projects, and professional situations.
4. Connect academic theory to industry practice.

### Program Notes



- No double counting between majors and this minor.
- Many students achieve fluency in languages other than English. While fluency is important, this program is about the formal, academic study of language, which is why the language element comes from coursework





## Program Course Requirements ^

## Core

9

Total Credits ^

- Complete all of the following
  - Take the following:
    - [ENG327](#) - History of English Language (3)
    - [TESOL200](#) - Fundamentals of TESOL (3)
  - AND
  - Take 1 of the following:
    - [ENG325](#) - Language Theory - Grammar and Usage (3)
    - [LANG321](#) - Advanced Grammar in Languages (3)

## Language

6 - 8

Total Credits ^

- Take 2 of the following:
  - [ARAB101](#) - Arabic I (4)
  - [ARAB102](#) - Arabic II (4)
  - [CHIN101](#) - Beginning Mandarin I (4)
  - [CHIN102](#) - Beginning Mandarin II (4)
  - [CHIN201](#) - Intermediate Mandarin I (4)
  - [CHIN202](#) - Intermediate Mandarin II (4)
  - [CHIN301](#) - Advanced Mandarin I (3)
  - [CHIN302](#) - Advanced Mandarin II (3)
  - [CHIN347](#) - Topics in Advanced Chinese (3)
  - [FR101](#) - Beginning French I (4)
  - [FR102](#) - Beginning French II (4)
  - [FR201](#) - Intermediate French (4)
  - [FR202](#) - Introduction French Literature (3)
  - [FR321](#) - Advanced Grammar and Composition (3)
  - [FR377](#) - French Teaching Methods (3)
  - [GREEK101](#) - Ancient Greek I (4)
  - [GREEK102](#) - Ancient Greek II (4)
  - [GREEK201](#) - Ancient Greek 3 (4)
  - [GREEK211](#) - Readings in Ancient Greek (3)
  - [HEB101](#) - Biblical Hebrew I (3)
  - [HEB102](#) - Biblical Hebrew II (3)
  - [LATIN101](#) - Latin I (4)



## RUSS201 - Intermediate Russian I (4)

- [RUSS202](#) - Intermediate Russian II (4)
- [RUSS301](#) - Advanced Russian I (3)
- [RUSS302](#) - Advanced Russian II (3)
- [SPAN101](#) - Beginning Spanish I (4)
- [SPAN102](#) - Beginning Spanish II (4)
- [SPAN201](#) - Intermediate Spanish (4)
- [SPAN202](#) - Readings in Hispanic Literature (3)
- [SPAN302](#) - Advanced Spanish Grammar I (3)
- [SPAN321](#) - Advanced Spanish Grammar II (3)
- [SPAN325](#) - Spanish Phonetics and Conversation (3)

**Specialization****6**

Total Credits



- Take 6 credit(s) from:
  - [ENG325](#) - Language Theory - Grammar and Usage (3)
  - [ENG326](#) - Editing (3)
  - [ENG328](#) - Fundamentals of Rhetoric (3)
  - [ENG400R](#) - Genres of Professional Writing (3)
  - [ENG450](#) - Themes in Rhetoric (3)
  - [TESOL377](#) - TESOL Teaching Methods I (3)
  - [TESOL378](#) - TESOL Teaching Methods II (3)
  - [TESOL497](#) - TESOL Teaching Practicum (1)

**Grand Total Credits: 21 - 23****Department**

Department of English

# BYU-Idaho Academic Catalog

## Literary Analysis (Cluster)

### Program Description



A cluster of courses (12-15 credits) designed to prepare students in Literary Analysis, supplemental to a major. Students who engage in literary analysis develop interpretation, analysis, reading, research, and critical thinking skills.

### Program Code

4204

### Program Learning Outcomes (PLOs)

1. Develop interpretive skills through close readings of primary texts.
2. Make meaningful connections between texts and contexts.
3. Develop the ability to write a researched and documented argument.

### Program Course Requirements



#### Core Courses

12

Total Credits



- Complete all of the following
  - Take the following:



- [ENG332](#) - British Literature-Restoration to Romanticism (3)
- [ENG333](#) - British Literature-Victorian and Modern (3)
- [ENG334](#) - American Literature - Colonial and Romantic (3)
- [ENG335](#) - American Literature - Realism and Modernism (3)
- [ENG336](#) - British and American Literature, 1965 to the present (3)
- [ENG350R](#) - Themes in Literature (3)
- [ENG351](#) - Fiction (3)
- [ENG352](#) - Poetry (3)
- [ENG353](#) - Drama (3)
- [ENG354](#) - Non-fiction (3)
- [ENG355](#) - Children's Literature (3)
- [ENG356](#) - Young Adult Literature (3)
- [ENG370R](#) - Major Authors (3)
- [ENG373](#) - Shakespeare (3)

**Grand Total Credits: 12**

Department

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Department of English

# BYU-Idaho Academic Catalog

## Manufacturing Engineering Technology (Major: Bachelor-Level)

### Program Description



Manufacturing Engineering Technology encompasses the research, planning, design and implementation of production facilities, machine tools, people and systems for the manufacture of discrete products of specified quality with a minimum expenditure of time, labor and materials. Technology is the link between science and people, and manufacturing technologists are leaders in technology and managers of innovation.

### Program Code

471

### Program Learning Outcomes (PLOs)

1. Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly-defined manufacturing engineering technology problems appropriate to the discipline.
2. Design systems, components, or processes meeting specified needs for broadly-defined manufacturing engineering technology problems appropriate to the discipline.
3. Determine appropriate manufacturing solutions, including methods and processes, to produce a product.
4. Apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and identify and use appropriate technical literature.
5. Conduct standard tests, measurements, and experiments and analyze and interpret the results to improve processes.
6. Function effectively as a member as well as a leader on technical teams.
7. Recognize ethical responsibilities in engineering technology disciplines.



- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- The Bachelor of Science degree program in Manufacturing Engineering Technology is accredited by the Engineering Technology Accreditation Commission of ABET, <https://www.abet.org>, under the commission's General Criteria and Program Criteria for Manufacturing Engineering Technology.

## Program Course Requirements



### General Education

27



Total Credits

- Take at least 27 credit(s) to complete one of the following program(s): [GE - ABET](#)



### Core

28



Total Credits

- Take the following:
  - [MET231](#) - Manufacturing Processes I (2)
  - [MET231L](#) - Manufacturing Processes I Lab (1)
  - [MET305](#) - Introduction to Mechatronics (3)
  - [MET331](#) - Manufacturing Processes II (3)
  - [MET332](#) - Computer Numerical Control (CNC) (3)
  - [MET340](#) - Manufacturing Quality (3)
  - [MET355](#) - Plastics: Materials and Processing (3)
  - [MET431](#) - Tool Design (3)
  - [MET445](#) - Fundamentals of Composites Manufacturing (3)
  - [MET465](#) - Manufacturing Automation (3)
  - [MET398R](#) - Manufacturing Internship (1)



### Mechanical Engineering

29



Total Credits

- Take the following:
  - [ME101](#) - Introduction to Engineering and Technology (1)
  - [ME142](#) - Engineering Computation (3)
  - [ME172](#) - Parametric Mechanical CAD (3)
  - [ME201](#) - Engineering Mechanics: Statics (3)
  - [ME202](#) - Strength of Materials (3)



- ME360 - ME Design III: Product Design (3)

- [ME480](#) - Mechanical Engineering Design III: Capstone Design (3)

### Module(s)

**23 - 28**  
Total Credits



- Complete all of the following

#### Business Module

- Take the following:
  - [BA211](#) - Business Fundamentals (3)
  - [SCM361](#) - Operations Management (3)

#### Science Module

- Take the following:
  - [CHEM105](#) - General Chemistry I (3)
  - [CHEM105L](#) - General Chemistry Laboratory I (1)
  - [PH121](#) - Principles of Physics I (3)
  - [PH123](#) - Principles of Physics II (3)

#### Math Module

- Complete 1 of the following
  - Option 1:
    - Take the following:
      - [MATH112X](#) - Calculus I (4)
      - [MATH330](#) - Engineering Statistics (3)
  - Option 2:
    - Take the following:
      - [MATH109](#) - Precalculus (5)
      - [MATH112X](#) - Calculus I (4)
      - [MATH330](#) - Engineering Statistics (3)
  - Option 3:
    - Take the following:
      - [MATH110X](#) - College Algebra (3)
      - [MATH111](#) - Trigonometry (2)
      - [MATH112X](#) - Calculus I (4)
      - [MATH330](#) - Engineering Statistics (3)

### Unspecified Electives

**8**

Total Credits



- Take at least 8 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to



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Degree

Bachelor of Science (BS)

Department

Department of Engineering Technology

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# BYU-Idaho Academic Catalog

## Manufacturing Technology (Minor)

### Program Description



A group of courses (20-24 credits) designed to encourage focused learning in Manufacturing Technology, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

### Program Code

244

### Program Course Requirements



**Core**

20

Total Credits



- Take the following:
  - [ME172](#) - Parametric Mechanical CAD (3)
  - [MET231](#) - Manufacturing Processes I (2)
  - [MET231L](#) - Manufacturing Processes I Lab (1)
  - [MET331](#) - Manufacturing Processes II (3)
  - [MET332](#) - Computer Numerical Control (CNC) (3)
  - [WELD170](#) - Welding Science and Allied Processes (2)
  - [WELD170L](#) - Welding Science and Allied Processes Lab (2)
  - [WELD224](#) - Welding Engineering I (2)



- Take 6 credit(s) from:
  - [CHEM101](#) - Introductory Chemistry (3)
  - [ME101](#) - Introduction to Engineering and Technology (1)
  - [ME250](#) - Materials Science (3)
  - [MET250L](#) - Materials Lab (1)
  - [MET398R](#) - Manufacturing Internship (1)
  - [WELD243](#) - Welding Engineering II (2)
  - [WELD329](#) - Welding Codes, Certification and Inspection (4)
  - [WELD480](#) - Welding Fabrication (4)

**Grand Total Credits: 26**

Department

Department of Engineering Technology

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# BYU-Idaho Academic Catalog

## Manufacturing (Cluster)

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in Manufacturing, supplemental to a major.

### Program Code

6301

### Program Course Requirements

#### Core Courses

12

Total Credits

- Take 12 credit(s) from:
  - [ME172](#) - Parametric Mechanical CAD (3)
  - [MET231](#) - Manufacturing Processes I (2)
  - [MET231L](#) - Manufacturing Processes I Lab (1)
  - [MET331](#) - Manufacturing Processes II (3)
  - [MET332](#) - Computer Numerical Control (CNC) (3)
  - [WELD170](#) - Welding Science and Allied Processes (2)

**Grand Total Credits: 12**

# BYU-Idaho Academic Catalog

## Marriage and Family Studies (Major: Associate-Level)

### Program Description



Completion of this degree will build upon the development of soft skills obtained during the gateway certificate. Students will also deepen their understanding of both research and theory pertaining to healthy marriage and family functioning. Whereas the gateway certificate provides many skills related to healthy family functioning, the advanced certificate will deepen their understanding of family dynamics through a more thorough discussion of principles, research, and theory (as well as additional skills). With the completion of this certificate, students are well prepared with a foundational understanding of the science, theory, and doctrine pertaining to successful marriages and families. Students who complete this certificate will have an advanced understanding of family functioning and demonstrate basic communication and money management skills.

### Program Code

392

### Program Learning Outcomes (PLOs)

1. Demonstrate effective communication skills.
2. Create practical plans for improving marital and family functioning.
3. Synthesize relevant research findings pertaining to marriage and family studies.
4. Effectively advocate for and, "promote...measures designed to maintain and strengthen the family as the fundamental unit of society."
5. Demonstrate leadership qualities consistent with the gospel of Jesus Christ.





- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 60 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### General Education

18

Total Credits



- Take at least 18 credit(s) to complete one of the following program(s): [GE - AAS](#)

### Component(s)

29

Total Credits



- Complete all of the following

Marriage, Family, and Human Relations Certificate

- Take at least 14 credit(s) to complete one of the following program(s): [C142](#)
- Advanced Marriage and Family Functioning Certificate
- Take at least 15 credit(s) to complete one of the following program(s): [C151](#)

### Unspecified Electives

13

Total Credits



- Take at least 13 credit(s) from any eligible University credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 60 credits required for graduation.

**Grand Total Credits: 60**

Degree

Associate of Applied Science (AAS)

Department

Department of Home and Family

# BYU-Idaho Academic Catalog

## Marriage and Family Studies (Major: Bachelor-Level)

### Program Description



Marriage and Family Studies prepares students for careers in family life education, human services, advocacy groups, nonprofit organizations, and youth services. Through this program, students will learn principles and skills pertaining to healthy family functioning, including skills related to communication, advocacy, and conflict management.

### Program Code

736

### Program Learning Outcomes (PLOs)

1. Demonstrate effective communication skills.
2. Create practical plans for improving marital and family functioning.
3. Synthesize relevant research findings pertaining to marriage and family studies.
4. Effectively advocate for and "promote...measures designed to maintain and strengthen the family as the fundamental unit of society."
5. Demonstrate leadership qualities consistent with the gospel of Jesus Christ.

### Program Notes



- To graduate with a Bachelor's degree, a student must earn:

Program Course Requirements ^**General Education****39**

Total Credits

- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

**Component(s)****29**

Total Credits

- Complete all of the following

Advanced Marriage and Family Functioning Certificate

- Take at least 15 credit(s) to complete one of the following program(s): [C151](#)
- Marriage, Family, and Human Relations Certificate
- Take at least 14 credit(s) to complete one of the following program(s): [C142](#)

**Experiential Learning****2**

Total Credits

- Take the following:

- [FAMIL498R](#) - Internship (2)

**Component(s)****14 - 15**

Total Credits

- Complete 1 of the following

Child and Family Advocacy Certificate

- Take at least 15 credit(s) to complete one of the following program(s): [C137](#)
- Human Services Certificate
- Take at least 15 credit(s) to complete one of the following program(s): [C143](#)
- Parent and Family Education Certificate
- Take at least 14 credit(s) to complete one of the following program(s): [C144](#)

**Unspecified Electives****35**

Total Credits

- Take at least 35 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to



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Degree

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Bachelor of Science (BS)

Department

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Department of Home and Family

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# BYU-Idaho Academic Catalog

## Marriage and Family Studies (Minor)

### Program Description



A group of courses (20-24 credits) designed to encourage focused learning in Marriage and Family Studies, complementary to an integrated standard degree or as an element of an Interdisciplinary Studies degree.

### Program Code

184

### Program Course Requirements



#### Core

12

Total Credits



- Take the following:
  - [FAML160](#) - Family Relations (3)
  - [FAML220](#) - Parenting (3)
  - [FAML300](#) - Marital Dynamics (3)
  - [FCS340](#) - Money Management (3)

#### Supplemental Courses

8

Total Credits





- [FAML110](#) - Marriage Skills (1)
- [FAML120](#) - Parenting Skills (1)
- [FAML200](#) - Preparation for Marriage (2)
- [FAML360](#) - Family Stress and Coping (3)
- [FAML390R](#) - Special Topics in Family Studies (0.5 - 3)
- [FAML400](#) - Family Theories and Dynamics (3)
- [FAML420](#) - The Helping Relationship (3)
- [FAML430](#) - Family and Community Relationships (3)
- [FAML460](#) - Child and Family Advocacy (3)
- [FCS160](#) - Family Leadership and Resource Management (3)
- [SOC311](#) - Sociology of the Family (3)
- [RM301](#) - Family Recreation (3)

**Grand Total Credits: 20**

Department

Department of Home and Family

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# BYU-Idaho Academic Catalog

## Marriage, Family, and Human Relations (Certificate)

### Program Description



The certificate in marriage, family, and human relations provides students with knowledge and skills needed to support a healthy family life in their own homes, as well as an opportunity to seek entry-level support work within the human services industry.

### Program Code

C142

### Program Learning Outcomes (PLOs)

1. Effectively communicate the basic principles concerning healthy marriage and family functioning.
2. Demonstrate effective conflict resolution skills.

### Program Notes



- To be awarded an academic certificate independent of a bachelor's or an associate degree, a student must earn:
  - grades of C- or higher in required courses
  - a minimum certificate program grade point average of 2.0
- Completion of this certificate does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.





Certificate Core

Total Credits

- Take the following:
  - [CHILD210](#) - Child Development (3)
  - [FAML110](#) - Marriage Skills (1)
  - [FAML150](#) - Introduction to Marriage and Family Studies (1)
  - [FAML160](#) - Family Relations (3)
  - [FAML220](#) - Parenting (3)
  - [PSYCH111](#) - General Psychology (3)

**Grand Total Credits: 14**

Department

Department of Home and Family

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# BYU-Idaho Academic Catalog

## Natural Science Education (Minor)

### Program Description



The Natural Science Education minor endorses you to teach any science (life science, chemistry, Earth science, and physics) class in grades 6-12. This minor must be paired with a science education major (Biology or Earth Science). Completing this minor rounds out your science background by requiring you to take introductory science courses in your non-major field and preparing you to take the General Science Praxis exam.

### Program Code

130

### Program Notes



- No grade less than C- in Minor courses.
- Double counting is allowed, which makes it possible to complete this Minor within the 20-credit limit.
- Students declaring this Minor must major in science education: Biology Education (800) or Earth Science Education (840).

### Program Course Requirements



Core

32

Total Credits





- [BIO181L](#) - Introduction to Biology II Lab (1)
- [CHEM105](#) - General Chemistry I (3)
- [CHEM105L](#) - General Chemistry Laboratory I (1)
- [CHEM106](#) - General Chemistry II (3)
- [CHEM106L](#) - General Chemistry Laboratory II (1)
- [GEOL111](#) - Physical Geology (3)
- [GEOL111L](#) - Physical Geology Lab (1)
- [GEOL230](#) - Oceanography and Meteorology (3)
- [GEOL230L](#) - Oceanography and Meteorology Lab (1)
- [PH105](#) - Introductory Applied Physics I (4)
- [PH106](#) - Introductory Applied Physics II (4)

**Grand Total Credits: 32**

Department

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Department of Geology and Environmental Science

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# BYU-Idaho Academic Catalog

## Occupational Safety and Health (Major: Bachelor-Level)

### Program Description



Students are trained in the practice of anticipation, recognition, evaluation, and control of safety and health hazards found in the work environment. They will be prepared to enter business and industry as safety, industrial hygiene and environmental professionals. Students are also prepared for graduate programs in industrial hygiene and safety.

### Program Code

755

### Program Learning Outcomes (PLOs)

1. Anticipate and recognize hazards in the workplace.
2. Evaluate Physical, Chemical, Biological and Ergonomic hazards in the workplace.
3. Recommend engineering, administrative and PPE controls for safety and health hazards.

### Program Notes



- To graduate with a Bachelor's degree, a student must earn:
  - grades of C- or higher in major courses
  - a 2.0 cumulative GPA
  - a minimum of 120 cumulative credits



Program Course Requirements ^**General Education****39**Total Credits ^

- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

**Core****31 - 33**Total Credits ^

- Take the following:
  - [CONST221](#) - Construction Safety (3)
  - [OSH310](#) - Environmental Health (3)
  - [OSH320](#) - Occupational Safety and Risk Management (3)
  - [OSH330](#) - Accident Investigation and Prevention (2)
  - [OSH384](#) - Industrial Fire Safety (2)
  - [OSH450](#) - Environmental Sanitation and Water Quality Management (3)
  - [OSH485](#) - Toxicology (3)
  - [OSH487](#) - Introduction to Industrial Hygiene (3)
  - [OSH488](#) - Hazardous Materials Management (2)
  - [OSH498R](#) - Internship (1 - 3)
  - [PUBH370](#) - Epidemiology (3)
  - [PUBH440](#) - Emergency Management (3)

**Science Core****9 - 11**Total Credits ^

- Complete all of the following
  - Take the following:
    - [MATH221B](#) - Biostatistics (3)
  - AND
  - Take 1 of the following:
    - [BIO230](#) - Essentials of Human Anatomy and Physiology (4)
    - [BIO264](#) - Human Anatomy and Physiology I (3)
  - AND
  - Take 1 of the following:
    - [PH101](#) - Fundamentals of Physics (3)
    - [PH105](#) - Introductory Applied Physics I (4)

**Chemistry Core 1****3 - 4**^



OR

- Take the following:
  - [CHEM105](#) - General Chemistry I (3)
  - [CHEM105L](#) - General Chemistry Laboratory I (1)

**Chemistry Core 2****3 - 8**

Total Credits



- Complete 1 of the following
  - Take the following:
    - [CHEM250](#) - Introductory Organic and Biochemistry (3)
  - OR
  - Take the following:
    - [CHEM106](#) - General Chemistry II (3)
    - [CHEM106L](#) - General Chemistry Laboratory II (1)
    - [CHEM351](#) - Organic Chemistry I (3)
    - [CHEM351L](#) - Organic Chemistry Laboratory I (1)

**Unspecified Electives****25**

Total Credits



- Take at least 25 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 110 - 120**

Degree

Bachelor of Science (BS)

Department

Department of Health Services



# BYU-Idaho Academic Catalog

## Department of Finance

[Business Analytics](#)

Minor

[Business Analytics](#)

Major: Bachelor-Level

[Business Fundamentals](#)

Certificate

[Finance](#)

Major: Bachelor-Level

[Finance](#)

Minor

[Financial Planning](#)

Minor

[Supply Chain Management](#)

Minor

[Supply Chain Management](#)

Major: Bachelor-Level



# BYU-Idaho Academic Catalog

## Department of English

[Creative Writing](#)

Minor

[Creative Writing](#)

Cluster

[English](#)

Major: Bachelor-Level

[English](#)

Minor

[English Education](#)

Minor

[English Education](#)

Major: Bachelor-Level

[English Education Composite](#)

Major: Bachelor-Level

[English Language and Usage](#)

Cluster

[Introduction to English Studies](#)

Cluster

[Language Studies](#)

Minor

[Literary Analysis](#)

Cluster

[Professional Writing and Editing](#)



Cluster

Technical and Professional Writing

Minor

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# BYU-Idaho Academic Catalog

## Department of Geology and Environmental Science

[Earth Science Education](#)

Major: Bachelor-Level

[Environmental Geoscience](#)

Major: Bachelor-Level

[Geology](#)

Minor

[Geology](#)

Major: Bachelor-Level

[GIS \(Geographic Information Systems\)](#)

Certificate

[Natural Science Education](#)

Minor



# BYU-Idaho Academic Catalog

## Department of Health Services

[Environmental, Health, and Safety](#)

Cluster

[Epidemiology](#)

Cluster

[Health and Wellness](#)

Cluster

[Healthcare Administration](#)

Major: Bachelor-Level

[Healthcare Administration](#)

Minor

[Healthcare Administration](#)

Cluster

[Occupational Safety and Health](#)

Major: Bachelor-Level

[Public Health](#)

Major: Bachelor-Level

    - [Health Education and Promotion](#)

    - [Health Science](#)

[Public Health](#)

Cluster

[Public Health](#)

Minor

# BYU-Idaho Academic Catalog

## Department of History, Geography and Political Science

[American Government Education](#)

Minor

[American History](#)

Cluster

[Geography](#)

Minor

[Geography](#)

Cluster

[Geography Education](#)

Minor

[GIS \(Geographic Information Systems\)](#)

Minor

[History](#)

Minor

[History](#)

Major: Bachelor-Level

[History Education](#)

Minor

[History Education](#)

Major: Bachelor-Level

[International Studies](#)

Cluster

[Peace and Conflict Transformation](#)



IV.1101

[Political Science](#)

Major: Bachelor-Level

    - [American Government](#)

    - [Foreign Affairs](#)

[Political Science - American Politics](#)

Cluster

[Political Science - International Politics](#)

Cluster

[Pre-Law](#)

Cluster

[Public Administration](#)

Minor

[Public Policy and Administration](#)

Major: Bachelor-Level

[Social Studies Education Composite](#)

Major: Bachelor-Level

    - [American Government Endorsement](#)

    - [History Endorsement](#)

[World History](#)

Cluster

# BYU-Idaho Academic Catalog

## Department of History, Geography and Political Science

[American Government Education](#)

Minor

[American History](#)

Cluster

[Geography](#)

Minor

[Geography](#)

Cluster

[Geography Education](#)

Minor

[GIS \(Geographic Information Systems\)](#)

Minor

[History](#)

Minor

[History](#)

Major: Bachelor-Level

[History Education](#)

Minor

[History Education](#)

Major: Bachelor-Level

[International Studies](#)

Cluster

[Peace and Conflict Transformation](#)



IV/1101

[Political Science](#)

Major: Bachelor-Level

- [American Government](#)

- [Foreign Affairs](#)

[Political Science - American Politics](#)

Cluster

[Political Science - International Politics](#)

Cluster

[Pre-Law](#)

Cluster

[Public Administration](#)

Minor

[Public Policy and Administration](#)

Major: Bachelor-Level

[Social Studies Education Composite](#)

Major: Bachelor-Level

- [American Government Endorsement](#)

- [History Endorsement](#)

[World History](#)

Cluster

# BYU-Idaho Academic Catalog

## Department of Home and Family

[Advanced Marriage and Family Functioning](#)

Certificate

[Apparel Construction](#)

Minor

[Apparel Construction](#)

Cluster

[Apparel Design and Construction](#)

Certificate

[Apparel Entrepreneurship](#)

Major: Bachelor-Level

[Child and Family Advocacy](#)

Certificate

[Child Development](#)

Cluster

[Child Development](#)

Major: Associate-Level

[Child Development](#)

Minor

[Child Development](#)

Major: Bachelor-Level

[Family Studies](#)

Cluster

[Home and Family Living](#)



Certificate

[Marriage and Family Studies](#)

Major: Associate-Level

[Marriage and Family Studies](#)

Minor

[Marriage and Family Studies](#)

Major: Bachelor-Level

[Marriage, Family, and Human Relations](#)

Certificate

[Parent and Family Education](#)

Certificate

[The Home](#)

Cluster

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# BYU-Idaho Academic Catalog

## Parent and Family Education (Certificate)

### Program Description



Students who complete the certificate in parent and family education will demonstrate effective teaching and presentation skills. Additionally, completion of this certificate, along with other coursework, helps prepare students to become Certified Family Life Educators (CFLE) through the National Council on Family Relations (NCFR).

### Program Code

C144

### Program Learning Outcomes (PLOs)

1. Effectively communicate principles pertaining to healthy marriage and family functioning.
2. Demonstrate effective teaching skills pertaining to family life education.

### Program Notes



- To be awarded an academic certificate independent of a bachelor's or an associate degree, a student must earn:
  - grades of C- or higher in required courses
  - a minimum certificate program grade point average of 2.0
- Completion of this certificate does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.





Certificate Core

Total Credits

- Complete all of the following
  - Take the following:
    - [CHILD330](#) - Parent Education (2)
    - [FAML120](#) - Parenting Skills (1)
    - [FAML200](#) - Preparation for Marriage (2)
    - [FAML445](#) - Teaching Family Life Education (3)
    - [FCS340](#) - Money Management (3)
  - AND
  - Take 1 of the following:
    - [CHILD300](#) - Infant and Toddler Development (3)
    - [CHILD310](#) - Early and Middle Child Development (3)
    - [CHILD320](#) - Adolescent Development (3)

**Grand Total Credits: 14**

Department

Department of Home and Family

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# BYU-Idaho Academic Catalog

## Peace and Conflict Transformation (Cluster)

### Program Description



A cluster in Peace and Conflict Transformation prepares students to positively engage in conflict and cultivate peace at home, in the workplace, in communities, and throughout the world. Students develop skills to influence conditions in which peace is more likely to flourish and constructively address conflict when it occurs. Drawing on a broad range of theories and techniques from multiple disciplines, this cluster prepares students to make valuable contributions in a wide variety of careers in the private, public, and non-profit sectors.

### Program Code

4011

### Program Learning Outcomes (PLOs)

1. Analyze the dynamics of conflict.
2. Exhibit literacy regarding diverse worldviews.
3. Articulate conditions for sustainable peace.
4. Propose viable solutions to real-world conflicts.
5. Develop strategies for collaborative problem-solving.

### Program Course Requirements





- Take the following:
  - [PEACE101](#) - Conflict and Peace (3)
  - [PEACE450](#) - Conflict Transformation and Peacebuilding (3)
- AND
- Take 3 of the following:
  - [BUS374](#) - Social Innovation (3)
  - [COMM352](#) - Persuasion (3)
  - [FAML220](#) - Parenting (3)
  - [GECIV210](#) - Religious Freedom (3)
  - [HIST392](#) - History of Peace (3)
  - [SOC450](#) - The City, Conflict, and Social Change (3)

**Grand Total Credits: 15**

Department

Department of History, Geography and Political Science

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# BYU-Idaho Academic Catalog

## Peace and Conflict Transformation (Minor)

### Program Description



A minor in Peace and Conflict Transformation prepares students to positively engage in conflict and cultivate peace at home, in the workplace, in communities, and throughout the world. Students develop skills to influence conditions in which peace is more likely to flourish and constructively address conflict when it occurs. Drawing on a broad range of theories and techniques from multiple disciplines, this minor prepares students to make valuable contributions in a wide variety of careers in the private, public, and non-profit sectors.

### Program Code

260

### Program Learning Outcomes (PLOs)

1. Analyze the dynamics of conflict.
2. Exhibit literacy regarding diverse worldviews.
3. Articulate conditions for sustainable peace.
4. Propose viable solutions to real-world conflicts.
5. Develop strategies for collaborative problem-solving.

### Program Course Requirements





- [PEACE101 - Conflict and Peace](#) (3)
- [PEACE450 - Conflict Transformation and Peacebuilding](#) (3)

<b>Module(s)</b>	<b>14 - 15</b>	^
	Total Credits	
<ul style="list-style-type: none"> <li>• Complete all of the following</li> </ul>		
<p style="margin-left: 20px;">Interpersonal &amp; Family Module</p> <ul style="list-style-type: none"> <li>◦ Take 1 of the following:</li> </ul>		
<ul style="list-style-type: none"> <li>◦ <a href="#">COMM150</a> - Interpersonal Theory and Practice (3)</li> <li>◦ <a href="#">COMM352</a> - Persuasion (3)</li> <li>◦ <a href="#">FAMIL220</a> - Parenting (3)</li> <li>◦ <a href="#">FAMIL460</a> - Child and Family Advocacy (3)</li> </ul>		
<p style="margin-left: 20px;">Cultural &amp; Religious Module</p> <ul style="list-style-type: none"> <li>◦ Take 1 of the following:</li> </ul>		
<ul style="list-style-type: none"> <li>◦ <a href="#">GECIV210</a> - Religious Freedom (3)</li> <li>◦ <a href="#">REL351</a> - World Religions (2)</li> <li>◦ <a href="#">SOC323</a> - Race and Ethnic Relations (3)</li> <li>◦ <a href="#">SOC360</a> - Sociology of Religion (3)</li> </ul>		
<p style="margin-left: 20px;">Business &amp; Organizational Module</p> <ul style="list-style-type: none"> <li>◦ Take 1 of the following:</li> </ul>		
<ul style="list-style-type: none"> <li>◦ <a href="#">BUS321</a> - Organizational Leadership (3)</li> <li>◦ <a href="#">BUS374</a> - Social Innovation (3)</li> <li>◦ <a href="#">COMM450</a> - Conflict Resolution and Negotiation (3)</li> <li>◦ <a href="#">COMM470</a> - Strategic Communication and Social Change (3)</li> </ul>		
<p style="margin-left: 20px;">Political &amp; International Module</p> <ul style="list-style-type: none"> <li>◦ Take 1 of the following:</li> </ul>		
<ul style="list-style-type: none"> <li>◦ <a href="#">HIST392</a> - History of Peace (3)</li> <li>◦ <a href="#">POLSC150</a> - Introduction to Comparative Politics (3)</li> <li>◦ <a href="#">POLSC170</a> - International Politics (3)</li> <li>◦ <a href="#">SOC450</a> - The City, Conflict, and Social Change (3)</li> </ul>		
<p style="margin-left: 20px;">AND</p> <ul style="list-style-type: none"> <li>◦ Take at least 3 credit(s) from</li> </ul>		
<ul style="list-style-type: none"> <li>one more course from any of the course groups listed above.</li> </ul>		

**Grand Total Credits: 20 - 21**

Department

Department of History, Geography and Political Science

# BYU-Idaho Academic Catalog

## Political Science - American Politics (Cluster)

### Program Description



A cluster of courses (12-15 credits) designed to prepare students in Political Science (American Politics), supplemental to a major.

### Program Code

4006

### Program Course Requirements



#### Core Courses

12

Total Credits



- Take the following:
  - [POLSC110](#) - American Government (3)
  - [POLSC311](#) - State and Local Government (3)
  - [POLSC314](#) - The Executive Branch (3)
  - [POLSC315](#) - The Legislative Branch (3)

**Grand Total Credits: 12**

# BYU-Idaho Academic Catalog

## Political Science - International Politics (Cluster)

### Program Description



A cluster of courses (12-15 credits) designed to prepare students in Political Science (International Politics), supplemental to a major.

### Program Code

4007

### Program Course Requirements



#### Core Courses

12

Total Credits



- Take the following:
  - [POLSC150](#) - Introduction to Comparative Politics (3)
  - [POLSC170](#) - International Politics (3)
  - [POLSC372](#) - Advanced Theory of International Relations (3)
  - [POLSC390](#) - American Foreign Policy (3)

**Grand Total Credits: 12**



## Program Course Requirements

### Degree

Bachelor of Arts (BA)

### Department

Department of History, Geography and Political Science

### Emphasis/Concentration Options

American Government



#### Emphasis/Concentration Description

A group of courses through which students specialize in American Government.

#### Emphasis/Concentration Code

065

### Program Notes

- POLSC 497R is a repeatable class. Students can take it additional times to fulfill an emphasis requirement.

### Emphasis/Concentration Course Requirements

#### Emphasis Core

15

Total Credits



- Take 5 of the following:
  - [POLSC311](#) - State and Local Government (3)
  - [POLSC314](#) - The Executive Branch (3)
  - [POLSC315](#) - The Legislative Branch (3)
  - [POLSC316](#) - The Judicial Branch (3)
  - [POLSC320](#) - Political Parties and Interest Groups (3)
  - [POLSC330](#) - Introduction to Public Administration (3)
  - [POLSC335](#) - Introduction to Public Policy (3)
  - [POLSC340](#) - Public Policy and Administrative Theory (3)
  - [POLSC380](#) - U.S. Constitutional History and Law (3)
  - [POLSC497R](#) - Senior Seminar (3)

#### Emphasis Core 2

9



- [POLSC372](#) - Advanced Theory of International Relations (3)
- [POLSC375](#) - International Law and Organization (3)
- [POLSC377](#) - Comparative Politics of the Global South (3)
- [POLSC378](#) - Comparative Politics of the Global North (3)
- [POLSC390](#) - American Foreign Policy (3)
- [POLSC392](#) - Terrorism and National Security (3)
- [POLSC394](#) - International Political Economy (3)
- [POLSC497R](#) - Senior Seminar (3)

**Emphasis Electives****3**

Total Credits



- Take 3 credit(s) from:
  - [BUS374](#) - Social Innovation (3)
  - [ECON381](#) - Intermediate Macroeconomics (3)
  - [GEOG320](#) - Geography of North America (3)
  - [HIST363](#) - The American West (3)
  - [HIST370](#) - Early American History to 1800 (3)
  - [HIST372](#) - Civil War and Reconstruction (3)
  - [HIST376](#) - U.S. Industrial Age 1870-1945 (3)
  - [HIST378](#) - United States History Since 1945 (3)
  - [SOC323](#) - Race and Ethnic Relations (3)
  - [SOC360](#) - Sociology of Religion (3)
  - [SOC370](#) - Social Stratification (3)
  - [SOC450](#) - The City, Conflict, and Social Change (3)

**Grand Total Credits: 27**

Foreign Affairs





## Program Course Requirements ▼

### Degree

Bachelor of Arts (BA)

### Department

Department of History, Geography and Political Science

### Emphasis/Concentration Options

American Government ▼

Foreign Affairs ^

### Emphasis/Concentration Description

A group of courses through which students specialize in Foreign Affairs.

### Emphasis/Concentration Code

064

### Program Notes

- POLSC 497R is a repeatable class. Students can take it additional times to fulfill an emphasis requirement.

### Emphasis/Concentration Course Requirements

#### Emphasis Core

15

Total Credits ^

- Take 5 of the following:
  - [POLSC372](#) - Advanced Theory of International Relations (3)
  - [POLSC375](#) - International Law and Organization (3)
  - [POLSC377](#) - Comparative Politics of the Global South (3)
  - [POLSC378](#) - Comparative Politics of the Global North (3)
  - [POLSC390](#) - American Foreign Policy (3)
  - [POLSC392](#) - Terrorism and National Security (3)
  - [POLSC394](#) - International Political Economy (3)
  - [POLSC497R](#) - Senior Seminar (3)



- [POLSC11 - State and Local Government](#) (3)
- [POLSC314 - The Executive Branch](#) (3)
- [POLSC315 - The Legislative Branch](#) (3)
- [POLSC316 - The Judicial Branch](#) (3)
- [POLSC320 - Political Parties and Interest Groups](#) (3)
- [POLSC330 - Introduction to Public Administration](#) (3)
- [POLSC335 - Introduction to Public Policy](#) (3)
- [POLSC340 - Public Policy and Administrative Theory](#) (3)
- [POLSC350 - Ancient Political Theory](#) (3)
- [POLSC360 - Modern Political Theory](#) (3)
- [POLSC380 - U.S. Constitutional History and Law](#) (3)
- [POLSC497R - Senior Seminar](#) (3)

**Emphasis Electives****3**

Total Credits

- Take 1 of the following:
  - [BUS374 - Social Innovation](#) (3)
  - [GEOG321 - Geography of Developing Nations](#) (3)
  - [GEOG350 - Cultural Geography](#) (3)
  - [HIST309 - Early Modern European History](#) (3)
  - [HIST310 - Modern European History](#) (3)
  - [HIST320 - The Holocaust](#) (3)
  - [HIST325 - Middle East: Muhammad to 1800](#) (3)
  - [HIST330 - History of East Asia](#) (3)
  - [HIST335 - Africa since 1400](#) (3)
  - [HIST341 - Colonial Latin American History](#) (3)
  - [HIST342 - Modern Latin American History](#) (3)
  - [INTST341 - East Asia Culture](#) (3)
  - [INTST342 - Russian Culture](#) (3)
  - [INTST343 - Eastern Europe Culture](#) (3)
  - [INTST344 - Western Europe Culture](#) (3)
  - [INTST345 - Chinese Culture](#) (3)
  - [INTST348 - Middle Eastern Culture](#) (3)
  - [INTST349 - African Culture](#) (3)
  - [INTST350 - Latin American Culture](#) (3)

**Grand Total Credits: 27**

# BYU-Idaho Academic Catalog

## Political Science (Major: Bachelor-Level)

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### Program Description

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Political Science students at BYU-Idaho develop an understanding of governmental institutions and political systems. The major invites students to critically evaluate their roles in society. They acquire the skills necessary for a lifetime of positive civic engagement, political participation, and professional success in a wide range of fields. Majors acquire both an academic and practical understanding of governmental and other political processes at the local, state, national, and international levels.

### Program Code

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623

### Program Learning Outcomes (PLOs)

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1. Demonstrate the ability necessary for successful political participation to think critically and impartially about political processes, institutions, and issues.
2. Understand the American governmental structure including key topics and events important in the development of American political institutions.
3. Compare different governmental types, evaluate the effects of these types upon citizenship, and understand the important questions addressed in comparative politics.
4. Show an understanding of the key theories of international relations and be able to apply them to better understand world events.
5. Become proficient in written and oral communication using appropriate evidence, political science methodology, and understanding of opposing perspectives.
6. Develop a professional-level skill in geographic information systems, statistics, or a foreign language.



- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- POLSC 497R is a repeatable course. Subsequent 497R credits may be used as part of the appropriate emphasis requirements.
- No double counting of courses between major requirements and emphasis requirements.

## Program Course Requirements



### General Education

**39**

Total Credits



- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

**17 - 22**

Total Credits



- Complete all of the following

- Take the following:

- [POLSC100](#) - Introduction to Political Science (1)
- [POLSC110](#) - American Government (3)
- [POLSC150](#) - Introduction to Comparative Politics (3)
- [POLSC170](#) - International Politics (3)
- [POLSC200](#) - Research Methods (3)

AND

- Take the following:

- [POLSC497R](#) - Senior Seminar (3)
- [POLSC498R](#) - Political Science Internship (1 - 6)

### Theory Courses

**3**

Total Credits



- Take 1 of the following:

- [POLSC350](#) - Ancient Political Theory (3)
- [POLSC360](#) - Modern Political Theory (3)

### Module(s)

**6 - 7**

Total Credits





- [GIS250](#) - Spatial Analysis (3)
- [GIS450A](#) - Applied GIS for Social Sciences (3)

Option 2: Language

- Take two 200-level courses or higher in one language. (6 credits)

Option 3: Statistics

- Take 2 of the following:

- [ECON388](#) - Introduction to Econometrics (3)
- [MATH325](#) - Intermediate Statistics (3)
- [MATH326](#) - Experimental Design (3)
- [MATH423](#) - Probability and Statistics (3)
- [MATH424](#) - Mathematical and Bayesian Statistics (3)
- [POLSC345](#) - Policy Analysis and Program Evaluation (3)

**Emphasis****27**

Total Credits



- Take at least 27 credit(s) from one Emphasis option listed below.

**Unspecified Electives****22**

Total Credits



- Take at least 22 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 114 - 120**

## Degree

Bachelor of Arts (BA)

## Department

Department of History, Geography and Political Science

## Emphasis/Concentration Options

American Government



# BYU-Idaho Academic Catalog

## Political Science (Minor)

### Program Description ^

A group of courses (24 credits) designed to encourage focused learning in Political Science, complementary to an integrated standard degree or as an element of an Interdisciplinary Studies degree.

### Program Code

126

### Program Notes ^

- No grade less than C- in Minor courses.

### Program Course Requirements ^

#### Core

12

Total Credits

- Take the following:
  - [POLSC110](#) - American Government (3)
  - [POLSC150](#) - Introduction to Comparative Politics (3)
  - [POLSC170](#) - International Politics (3)





- Complete all of the following
  - Theory Courses
    - Take 1 of the following:
      - [POLSC350](#) - Ancient Political Theory (3)
      - [POLSC360](#) - Modern Political Theory (3)
  - Foreign Affairs
    - Take 1 of the following:
      - [POLSC372](#) - Advanced Theory of International Relations (3)
      - [POLSC375](#) - International Law and Organization (3)
      - [POLSC377](#) - Comparative Politics of the Global South (3)
      - [POLSC378](#) - Comparative Politics of the Global North (3)
      - [POLSC390](#) - American Foreign Policy (3)
      - [POLSC392](#) - Terrorism and National Security (3)
  - American Government
    - Take 1 of the following:
      - [POLSC311](#) - State and Local Government (3)
      - [POLSC314](#) - The Executive Branch (3)
      - [POLSC315](#) - The Legislative Branch (3)
      - [POLSC316](#) - The Judicial Branch (3)
      - [POLSC320](#) - Political Parties and Interest Groups (3)
      - [POLSC330](#) - Introduction to Public Administration (3)
      - [POLSC340](#) - Public Policy and Administrative Theory (3)
      - [POLSC380](#) - U.S. Constitutional History and Law (3)
  - Breadth Course
    - Take 1 of the following:
      - [BUS374](#) - Social Innovation (3)
      - [GEOG320](#) - Geography of North America (3)
      - [GEOG321](#) - Geography of Developing Nations (3)
      - [GEOG350](#) - Cultural Geography (3)
      - [HIST309](#) - Early Modern European History (3)
      - [HIST310](#) - Modern European History (3)
      - [HIST320](#) - The Holocaust (3)
      - [HIST325](#) - Middle East: Muhammad to 1800 (3)
      - [HIST330](#) - History of East Asia (3)
      - [HIST335](#) - Africa since 1400 (3)
      - [HIST341](#) - Colonial Latin American History (3)
      - [HIST342](#) - Modern Latin American History (3)
      - [HIST363](#) - The American West (3)
      - [HIST370](#) - Early American History to 1800 (3)
      - [HIST372](#) - Civil War and Reconstruction (3)



- [INTST315](#) - Chinese Culture (3)

- o [INTST348](#) - Middle Eastern Culture (3)
- o [INTST349](#) - African Culture (3)
- o [INTST350](#) - Latin American Culture (3)
- o [SOC323](#) - Race and Ethnic Relations (3)
- o [SOC360](#) - Sociology of Religion (3)
- o [SOC370](#) - Social Stratification (3)
- o [SOC450](#) - The City, Conflict, and Social Change (3)

**Grand Total Credits: 24**

Department

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Department of History, Geography and Political Science

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# BYU-Idaho Academic Catalog

## Pre-Law (Cluster)

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in Pre-Law, supplemental to a major.

### Program Code

4008

### Program Course Requirements

#### Core Courses

12

Total Credits

- Take 12 credit(s) from:
  - [BUS375](#) - Business Law (3)
  - [COMM102](#) - Public Speaking (3)
  - [COMM150](#) - Interpersonal Theory and Practice (3)
  - [COMM307](#) - Ethics and Legal Issues (3)
  - [ENG328](#) - Fundamentals of Rhetoric (3)
  - [PHIL205](#) - Logic and Critical Thinking (3)
  - [PHIL313](#) - Ethics (3)
  - [POLSC316](#) - The Judicial Branch (3)

# BYU-Idaho Academic Catalog

## Professional Writing and Editing (Cluster)

### Program Description



This cluster of courses (12-15 credits) is designed to prepare students in Professional Writing and Editing, supplemental to a major. Students studying professional writing and editing will be prepared to write clear, organized content in a variety of professional genres and will develop skills in analyzing audiences and rhetorical situations. Additionally, students will gain experience creating multimedia products and collaborating with clients and other writers. Students can continue their professional writing and editing practice with a minor in Technical and Professional Writing or a major in English.

### Program Code

4205

### Program Learning Outcomes (PLOs)

1. Write clear and organized content suitable for various workplaces.
2. Design, draft, and edit content for specific audiences and rhetorical situations.

### Program Course Requirements



#### Core Courses

12

Total Credits



- Complete all of the following



- [ENG321](#) - Technology for Professional Writers (3)
- [ENG326](#) - Editing (3)
- [ENG400R](#) - Genres of Professional Writing (3)
- [ENG452](#) - Advanced Professional Writing (3)

**Grand Total Credits: 12**

Department

Department of English

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# BYU-Idaho Academic Catalog

## Public Administration (Minor)

### Program Description ^

A group of courses (20-24 credits) designed to encourage focused learning in Public Administration, complementary to an integrated standard degree or as an element of an Interdisciplinary Studies degree.

### Program Code

231

### Program Notes ^

- No grade less than C- in Minor courses.

### Program Course Requirements ^

**Core**

18

Total Credits

- Complete all of the following
  - Take the following:
    - [POLSC330 - Introduction to Public Administration](#) (3)





- Take 1 of the following:
  - [BUS374](#) - Social Innovation (3)
  - [COMM102](#) - Public Speaking (3)
  - [COMM150](#) - Interpersonal Theory and Practice (3)
  - [ECON150](#) - Economic Principles and Problems-Micro (3)
  - [POLSC311](#) - State and Local Government (3)

**Grand Total Credits: 18**

Department

Department of History, Geography and Political Science

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# BYU-Idaho Academic Catalog

## Public Health (Cluster)

### Program Description



A cluster of courses (12-15 credits) designed to prepare students in Public Health, supplemental to a major.

### Program Code

1303

### Program Course Requirements



#### Core Courses

15

Total Credits



- Take the following:
  - [HCA285](#) - Introduction to Healthcare Administration (3)
  - [OSH310](#) - Environmental Health (3)
  - [PUBH370](#) - Epidemiology (3)
  - [PUBH390](#) - Program Planning/Implementation (3)
  - [MATH221B](#) - Biostatistics (3)

**Grand Total Credits: 15**



Bachelor of Science (BS)

## Department

Department of Health Services

## Emphasis/Concentration Options

Health Education and Promotion ^

### Emphasis/Concentration Description

Public Health: This emphasis includes the public health core classes and additional courses intended to help students develop competencies in needs assessment; program planning, program implementation, program evaluation, communicating health concerns, and acting as a resource person in the community. This emphasis prepares students for health related career opportunities. These include community health educator, health promotion specialist, work site wellness specialist, health counseling, wellness coaching, resort wellness, fitness center, lifestyle training specialist, etc. The program prepares students to become health educators and take the Certified Health Education Specialist (CHES) examination offered through the National Committee on Health Education Credentialing, Inc.

### Emphasis/Concentration Code

203

### Program Notes

- ALL STUDENTS choosing this major/emphasis must meet with their Department Faculty Mentor or the College of Agriculture and Life Science Advising office
- Medical and Dental School applicants will need to use free elective credits for physics and any other requirements
- No double counting of major courses
- No Grade Less Than C-
- PUBH 100 and PUBH 240 should be taken as soon as possible
- It is strongly advised that students complete the Public Health Core Module before enrolling in other modules
- This degree does not meet qualifications for K-12 teacher certification

### Emphasis/Concentration Course Requirements

**Emphasis Core**

23

Total Credits ^

- Complete all of the following
  - Take 7 credit(s) from:
    - [BIO230](#) - Essentials of Human Anatomy and Physiology (4)
    - [BIO264](#) - Human Anatomy and Physiology I (3)

- Take the following:
  - [PUBH132](#) - Personal Health and Wellness (3)
  - [PUBH320](#) - Communicable and Non-Communicable Diseases (3)
  - [PUBH354](#) - Health Disparities (2)
  - [PUBH391](#) - Research Methods (3)
  - [PUBH420](#) - Health Behavior Theories and Models (2)
  - [PUBH472](#) - Health Communications (3)

**Emphasis Core 2**

7

Total Credits



- Take 7 credit(s) from:
  - [HCA280](#) - Medical Terminology (2)
  - [OSH320](#) - Occupational Safety and Risk Management (3)
  - [OSH450](#) - Environmental Sanitation and Water Quality Management (3)
  - [PSYCH111](#) - General Psychology (3)
  - [PSYCH435](#) - Health Psychology (3)
  - [PUBH440](#) - Emergency Management (3)
  - [PUBH460](#) - Drugs of Use and Abuse (3)
  - [PUBH480](#) - Global Health (3)

**Grand Total Credits: 30**

Health Science





Bachelor of Science (BS)

Department

Department of Health Services

Emphasis/Concentration Options

Health Education and Promotion



Health Science



Emphasis/Concentration Description

Public Health: This emphasis is for those students pursuing a degree in public health working in patient care. It will prepare students for entry-level clinical positions, as well as professional careers as physicians, dentists, physician assistants, physical therapists, occupational therapists, chiropractors, audiologists, and optometrists. While providing many of the pre-professional prerequisites, this emphasis is streamlined for those interested in a health-professional field with a public health approach. Students interested in this emphasis should meet with academic advising to discuss a specific approach and detailed schedule of classes.

Emphasis/Concentration Code

204

Emphasis/Concentration Course Requirements

**Emphasis Core**

30 - 31

Total Credits



- Complete all of the following

Health Behavior

- Take the following:
  - [PSYCH111](#) - General Psychology (3)
  - [PUBH320](#) - Communicable and Non-Communicable Diseases (3)
  - [PUBH460](#) - Drugs of Use and Abuse (3)

Chemistry

- Take the following:
  - [CHEM105](#) - General Chemistry I (3)
  - [CHEM105L](#) - General Chemistry Laboratory I (1)
  - [CHEM106](#) - General Chemistry II (3)
  - [CHEM106L](#) - General Chemistry Laboratory II (1)

Community Impact

- Take 11 credit(s) from:
  - [BIO180](#) - Introduction to Biology I (3)
  - [BIO180L](#) - Introduction to Biology I Lab (1)
  - [BIO181](#) - Introduction to Biology II (3)
  - [BIO181L](#) - Introduction to Biology II Lab (1)
  - [BIO221](#) - General Microbiology (3)
  - [BIO264](#) - Human Anatomy and Physiology I (3)
  - [BIO264L](#) - Human Anatomy and Physiology I Lab (1)
  - [BIO265](#) - Human Anatomy and Physiology II (3)
  - [BIO265L](#) - Human Anatomy and Physiology II Lab (1)
  - [BIO460](#) - Human Anatomy with Lab (4)
  - [BIO461](#) - Principles of Physiology (5)

**Grand Total Credits: 30 - 31**



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# BYU-Idaho Academic Catalog

## Public Health (Major: Bachelor-Level)

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### Program Description

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Public Health involves the physical, cultural, sociological and environmental influences on human health. Students will learn how to conduct needs assessments of communities, implement programs to address those needs, evaluated and measure the impact of public health programs, and advocate for healthy outcomes for all people. Graduates will be prepared to conduct population based health work in healthcare systems, government agencies, non-profit organizations and other health related industries.

### Program Code

---

751

### Program Learning Outcomes (PLOs)

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1. Act as a disciple leader to promote health/wellness.
2. Assess the needs/resources for health education/promotion.
3. Plan health education/promotion.
4. Implement health education/promotion.
5. Conduct evaluation/research related to health education/promotion.
6. Communicate health/wellness issues to various populations.
7. Advocate for public health and the profession.





- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- No double counting of major courses.
- This degree does not meet the qualifications for K-12 teacher certification.
- PUBH 240 should be taken as soon as possible.
- It is strongly advised that students complete the Core courses before enrolling in other modules.

## Program Course Requirements



### General Education

39

Total Credits



- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

24

Total Credits



- Take the following:
  - [HCA285](#) - Introduction to Healthcare Administration (3)
  - [MATH221B](#) - Biostatistics (3)
  - [OSH310](#) - Environmental Health (3)
  - [PUBH100](#) - Exploring Careers in Health Services (1)
  - [PUBH240](#) - Introduction to Public Health (2)
  - [PUBH370](#) - Epidemiology (3)
  - [PUBH381](#) - Program Evaluation (2)
  - [PUBH390](#) - Program Planning/Implementation (3)
  - [PUBH401](#) - Community Health Methods (2)
  - [PUBH498R](#) - Internship (2)

### Emphasis

30

Total Credits



- Take at least 30 credit(s) from one Emphasis option listed below.

### Unspecified Electives

27

Total Credits



- Take at least 27 credit(s) from



**Grand Total Credits: 120**

Degree

Bachelor of Science (BS)

Department

Department of Health Services

Emphasis/Concentration Options

Health Education and Promotion



Health Science



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# BYU-Idaho Academic Catalog

## Public Health (Minor)

### Program Description



A group of courses (20-24 credits) designed to encourage focused learning in Public Health, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

### Program Code

255

### Program Notes



- No grade less than C- in Minor courses.

### Program Course Requirements



**Core**

**24**

Total Credits



- Take the following:
  - [HCA285](#) - Introduction to Healthcare Administration (3)
  - [OSH310](#) - Environmental Health (3)
  - [PUBH370](#) - Epidemiology (3)



- PUBH420 - Health Behavior: Theories and Models (4)
- o PUBH472 - Health Communications (3)

**Grand Total Credits: 24**

Department

Department of Health Services



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Campus Map

# BYU-Idaho Academic Catalog

## Public Policy and Administration (Major: Bachelor-Level)

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### Program Description

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Public Policy and Administration prepares students for a diverse number of careers within or related to the public sector. The major invites students to critically evaluate their ability to influence democracy at the local, state, national, and international levels. Majors are exposed to different subfields and theories related to the study of public policy and administration. Upon graduation, students should have a practical understanding of public policy and administration and the skills required to work in these areas effectively.

### Program Code

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624

### Program Learning Outcomes (PLOs)

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1. Develop transformative policies through research and analysis.
2. Navigate the administrative and policy arena by understanding overarching theories like bureaucracy, the politics-administration dichotomy, the policy framework, the stages of policymaking, the 4 major paradigms of public administration, etc.
3. Apply public administration and public policy theories in specialized areas such as the environment, education, family and social life, health and safety, justice, international affairs, communications, social awareness, economics, and human resources.
4. Offer solutions to society's most pressing issues on the local, state, national, and international levels.
5. Become proficient in various public management techniques such as; budgeting, leadership, ethical decision-making, policy evaluation, cost-benefit analysis, collaborative governance, effective organizational communications, etc.

Program Notes ^

- To graduate with a Bachelor's degree, a student must earn:
  - grades of C- or higher in major courses
  - a 2.0 cumulative GPA
  - a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

Program Course Requirements ^**General Education****39**Total Credits ^

- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

**Core****31**Total Credits ^

- Complete all of the following
  - Take the following:
    - [POLSC100](#) - Introduction to Political Science (1)
    - [POLSC110](#) - American Government (3)
    - [POLSC200](#) - Research Methods (3)
    - [POLSC311](#) - State and Local Government (3)
    - [POLSC330](#) - Introduction to Public Administration (3)
    - [POLSC331](#) - Principles of Public Administration (3)
    - [POLSC335](#) - Introduction to Public Policy (3)
    - [POLSC340](#) - Public Policy and Administrative Theory (3)
    - [POLSC345](#) - Policy Analysis and Program Evaluation (3)
    - [POLSC497R](#) - Senior Seminar (3)

AND

- Take 3 credit(s) from:
  - [POLSC498R](#) - Political Science Internship (1 - 6)

**Module(s)****24**Total Credits ^



- [PHIL205](#) - Logic and Critical Thinking (3)
- [POLSC316](#) - The Judicial Branch (3)
- [POLSC380](#) - U.S. Constitutional History and Law (3)
- [SOC323](#) - Race and Ethnic Relations (3)
- [SOC383](#) - Crime and Delinquency (3)
- [SOC450](#) - The City, Conflict, and Social Change (3)

#### Human Resource Management Module

- Take 12 credit(s) from:
  - [BUS270](#) - Human Resource Management (3)
  - [BUS321](#) - Organizational Leadership (3)
  - [BUS374](#) - Social Innovation (3)
  - [SCM361](#) - Operations Management (3)
  - [SCM468](#) - Logistics Management (3)

#### Public Health Module

- Take 12 credit(s) from:
  - [HCA285](#) - Introduction to Healthcare Administration (3)
  - [OSH310](#) - Environmental Health (3)
  - [PUBH370](#) - Epidemiology (3)
  - [PUBH390](#) - Program Planning/Implementation (3)

#### Data Science and Statistics Module

- Take 12 credit(s) from:
  - [CSE110](#) - Introduction to Programming (2)
  - [CSE111](#) - Programming with Functions (2)
  - [DS250](#) - Data Science Programming (2)
  - [ECON278](#) - Statistics for Economists (3)
  - [ECON388](#) - Introduction to Econometrics (3)
  - [ITM111](#) - Introduction to Databases (3)
  - [MATH221A](#) - Business Statistics (3)
  - [MATH325](#) - Intermediate Statistics (3)
  - [MATH423](#) - Probability and Statistics (3)

#### Politics Module

- Take 12 credit(s) from:
  - [POLSC314](#) - The Executive Branch (3)
  - [POLSC315](#) - The Legislative Branch (3)
  - [POLSC320](#) - Political Parties and Interest Groups (3)
  - [POLSC350](#) - Ancient Political Theory (3)
  - [POLSC360](#) - Modern Political Theory (3)

#### Foreign Affairs and International Policy Module

- Take 12 credit(s) from:
  - [POLSC170](#) - International Politics (3)

[POLSC330 - American Foreign Policy \(3\)](#)

- [POLSC392](#) - Terrorism and National Security (3)
  - [POLSC394](#) - International Political Economy (3)
- Financial Accounting Module
- Take 12 credit(s) from:
  - [ACCTG201](#) - Financial Accounting (3)
  - [ACCTG202](#) - Managerial Accounting (3)
  - [ACCTG301](#) - Intermediate Financial Accounting I (3)
  - [ACCTG302](#) - Intermediate Financial Accounting II (3)

## Economics Module

- Take 12 credit(s) from:
- [ECON150](#) - Economic Principles and Problems-Micro (3)
- [ECON151](#) - Economic Principles and Problems-Macro (3)
- [ECON255](#) - Financial Analytics (3)
- [ECON300](#) - Managerial Economics (3)
- [ECON330](#) - Economic Thought and History (3)
- [ECON353](#) - Money and Banking (3)
- [ECON358](#) - International Economics (3)
- [ECON365](#) - Health Economics (3)

## Law and Economics Module

- Take 12 credit(s) from:
- [ECON150](#) - Economic Principles and Problems-Micro (3)
- [ECON151](#) - Economic Principles and Problems-Macro (3)
- [ECON330](#) - Economic Thought and History (3)
- [ECON357](#) - Environmental and Natural Resource Economics (3)
- [ECON440](#) - Law and Economics (3)
- [ECON463](#) - Labor Economics (3)
- [ECON475](#) - Public Economics (3)

## Professional Writing Module

- Take 12 credit(s) from:
- [ENG316](#) - Technical Writing and Communication (3)
- [ENG321](#) - Technology for Professional Writers (3)
- [ENG325](#) - Language Theory - Grammar and Usage (3)
- [ENG326](#) - Editing (3)
- [ENG328](#) - Fundamentals of Rhetoric (3)
- [ENG400R](#) - Genres of Professional Writing (3)

## Public Relations Module

- Take 12 credit(s) from:
- [COMM235](#) - PR Principles and Writing (3)
- [COMM320](#) - Digital Media Content Creation (3)
- [COMM335](#) - Public Relations Research (3)



- [COMM111](#) - Writing for Communication Career (3)
- [COMM130](#) - Visual Media (3)
- [COMM150](#) - Interpersonal Theory and Practice (3)
- [COMM273](#) - Professional Presentations (3)

#### GIS Module

- Take 12 credit(s) from:
  - [AGTEC486](#) - Precision Agriculture (3)
  - [GIS150](#) - Spatial Thinking (1)
  - [GIS250](#) - Spatial Analysis (3)
  - [GIS255](#) - UAS-Based Mapping (2)
  - [GIS450A](#) - Applied GIS for Social Sciences (3)

#### Peace and Conflict Transformation Module

- Take 12 credit(s) from:
  - [COMM352](#) - Persuasion (3)
  - [HIST392](#) - History of Peace (3)
  - [PEACE101](#) - Conflict and Peace (3)
  - [PEACE450](#) - Conflict Transformation and Peacebuilding (3)

#### Foreign Language Module

- Take 12 credit(s) from:
  - [CHIN101](#) - Beginning Mandarin I (4)
  - [CHIN102](#) - Beginning Mandarin II (4)
  - [CHIN201](#) - Intermediate Mandarin I (4)
  - [FR101](#) - Beginning French I (4)
  - [FR102](#) - Beginning French II (4)
  - [FR201](#) - Intermediate French (4)
  - [SPAN101](#) - Beginning Spanish I (4)
  - [SPAN102](#) - Beginning Spanish II (4)
  - [SPAN201](#) - Intermediate Spanish (4)
  - [RUSS101](#) - Beginning Russian I (4)
  - [RUSS102](#) - Beginning Russian II (4)
  - [RUSS201](#) - Intermediate Russian I (4)

#### Unspecified Electives

26



Total Credits

- Take at least 26 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

# BYU-Idaho Academic Catalog

## Reading for a Lifetime (Cluster)

### Program Description ^

A cluster of courses (12-15 credits) designed to prepare students in Reading for a Lifetime, supplemental to a major. This group of classes is for students who want a broader introduction to various types of literature and who want to improve their reading comprehension and analysis skills.

### Program Code

4200

### Program Notes ^

- Double counting between cluster and a major is allowed.

### Program Course Requirements ^

#### Core Courses

12

Total Credits

- Take 4 of the following:
  - [ENG151](#) - Introduction to Literature (3)
  - [ENG217](#) - Great Books of the World (3)





- ENGS373 - Major Authors (3)
  - o ENG373 - Shakespeare (3)

**Grand Total Credits: 12**

Department

Department of English

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Campus Map

# BYU-Idaho Academic Catalog

## Rhetoric (Cluster)

### Program Description ^

A cluster of courses (12-15 credits) designed to help students focus on the field of rhetoric, supplemental to a major. Students use a background in rhetoric to prepare for law school or graduate school, to prepare for jobs in marketing and advertising.

### Program Code

4206

### Program Notes ^

- Double counting between cluster and a major is allowed.

### Program Course Requirements ^

#### Core Courses

12

Total Credits

^

^

- Complete all of the following
  - Take the following:
    - [ENG252](#) - Rhetoric, Design, and Professionalization (3)



- [ENG321](#) - Technology for Professional Writers (3)
- [ENG327](#) - History of English Language (3)
- [ENG400R](#) - Genres of Professional Writing (3)
- [ENG450](#) - Themes in Rhetoric (3)

**Grand Total Credits: 12**

Department

Department of English

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Department of History, Geography and Critical Science

## Emphasis/Concentration Options

### American Government Endorsement



#### Emphasis/Concentration Description

A group of courses through which students specialize in American Government Endorsement.

#### Emphasis/Concentration Code

130

#### Emphasis/Concentration Course Requirements

**Emphasis Core****21**

Total Credits



- Take the following:
  - [HIST120](#) - U.S. History to 1877 (3)
  - [HIST121](#) - U.S. History Since 1877 (3)
  - [HIST201](#) - World History to 1500 (3)
  - [HIST202](#) - Modern World History (3)
  - [HIST206](#) - Introduction to Secondary Methods (3)
  - [HIST300](#) - Writing and Research in History (3)
  - [HIST406](#) - Secondary Methods (3)

**Political Science Module****15**

Total Credits



- Complete all of the following
  - Take the following:
    - [POLSC110](#) - American Government (3)
    - [POLSC150](#) - Introduction to Comparative Politics (3)
    - [POLSC311](#) - State and Local Government (3)
  - Take 2 of the following:
    - [POLSC314](#) - The Executive Branch (3)
    - [POLSC315](#) - The Legislative Branch (3)
    - [POLSC316](#) - The Judicial Branch (3)
    - [POLSC320](#) - Political Parties and Interest Groups (3)

- Take the following:
  - [GEOG120](#) - Geography and World Affairs (3)
  - [GEOG320](#) - Geography of North America (3)
- Take 2 of the following:
  - [GEOG321](#) - Geography of Developing Nations (3)
  - [GEOG350](#) - Cultural Geography (3)
  - [GEOG390](#) - Protected Landscapes (3)

**Economics Module**

9

Total Credits



- Complete all of the following
  - Take the following:
    - [ECON150](#) - Economic Principles and Problems-Micro (3)
    - [ECON151](#) - Economic Principles and Problems-Macro (3)
  - Take 1 of the following:
    - [ECON278](#) - Statistics for Economists (3)
    - [ECON330](#) - Economic Thought and History (3)
    - [ECON353](#) - Money and Banking (3)
    - [ECON358](#) - International Economics (3)
    - [ECON475](#) - Public Economics (3)

**Grand Total Credits: 57**

History Endorsement





Department of History, Geography and Critical Science

## Emphasis/Concentration Options

American Government Endorsement ▼

History Endorsement ^

### Emphasis/Concentration Description

A group of courses through which students specialize in History Endorsement.

### Emphasis/Concentration Code

129

### Emphasis/Concentration Course Requirements

#### Emphasis Core

10

Total Credits ^

- Take the following:
  - [HIST104](#) - History Skills and Careers (1)
  - [HIST206](#) - Introduction to Secondary Methods (3)
  - [HIST300](#) - Writing and Research in History (3)
  - [HIST406](#) - Secondary Methods (3)

#### Emphasis Core 2

12

Total Credits ^

- Complete all of the following
  - Take the following:
    - [HIST201](#) - World History to 1500 (3)
    - [HIST202](#) - Modern World History (3)
  - AND
  - Take the following:
    - [HIST120](#) - U.S. History to 1877 (3)
    - [HIST121](#) - U.S. History Since 1877 (3)

#### Emphasis Core 3

18

Total Credits ^

- [POLSC110](#) - American Government (3)
- [POLSC150](#) - Introduction to Comparative Politics (3)
- [POLSC311](#) - State and Local Government (3)

**Emphasis Electives**

15

Total Credits



- Complete all of the following
  - Take 1 of the following:
    - [ECON278](#) - Statistics for Economists (3)
    - [ECON330](#) - Economic Thought and History (3)
    - [ECON353](#) - Money and Banking (3)
    - [ECON358](#) - International Economics (3)
    - [ECON475](#) - Public Economics (3)

AND

  - Take 3 of the following:
    - [GEOG320](#) - Geography of North America (3)
    - [GEOG321](#) - Geography of Developing Nations (3)
    - [GEOG350](#) - Cultural Geography (3)
    - [GEOG390](#) - Protected Landscapes (3)

AND

  - Take 1 of the following:
    - [POLSC314](#) - The Executive Branch (3)
    - [POLSC315](#) - The Legislative Branch (3)
    - [POLSC320](#) - Political Parties and Interest Groups (3)

**Grand Total Credits: 55**

# BYU-Idaho Academic Catalog

## Social Studies Education Composite (Major: Bachelor-Level)

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### Program Description

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The Social Studies Education Composite degree certifies students to teach a wide variety of subjects at the secondary level. These subjects include history, political science, economics, and geography. In all these areas, students become broadly educated about the world, human nature, and cultural diversity, and develop an increased capacity to read complex information, think critically to find relevant patterns, and communicate effectively and clearly. Social Studies Education graduates also develop a sizeable repertoire of lessons, pedagogies, and approaches to teaching.

### Program Code

---

880

### Program Learning Outcomes (PLOs)

---

1. Gain essential historical knowledge and understand its context.
2. Read, comprehend, and think critically about complex information and ideas.
3. Communicate clearly in both writing and speech.
4. Use historical understanding and skills to love and serve others as Christ would.
5. Invite others to engage in historical inquiry and positive civic action.

### Program Notes

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^



- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### General Education

33

Total Credits



- Take at least 33 credit(s) to complete one of the following program(s): [GE - TEACH](#)

### Education Core

30

Total Credits



- Take the following:
  - [EDCOR200](#) - Teaching as a Profession (2)
  - [EDCOR310](#) - Educational Psychology and Human Development (3)
  - [EDCOR364](#) - Literacy Foundations (2)
  - [EDCOR320](#) - Assessment Methods and Analysis (2)
  - [EDCOR325](#) - Instructional Methods and Technology (3)
  - [EDCOR480](#) - Management and Professional Ethics (2)
  - [EDCOR464](#) - Content Area Reading and Writing (3)
  - [EDCOR492](#) - Student Teaching (10)
  - [EDCOR340](#) - Diverse and Exceptional Students (3)

### Emphasis

55 - 57

Total Credits



- Take between 55 and 57 credits from the following types of courses:  
one Emphasis option listed below.

### Unspecified Electives

0

Total Credits



- In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 118 - 120**

Degree

# BYU-Idaho Academic Catalog

## Supply Chain Management (Major: Bachelor-Level)

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### Program Description

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Supply Chain Management graduates will be prepared to make immediate contributions in their careers as disciples of Jesus Christ and as leaders in their homes, the Church, and the community. The Supply Chain Management degree is designed for students seeking careers in Supply Chain Management and Operations fields. There are numerous and various career paths in this field. The supply chain and operations specific courses in the degree prepare students with problem-solving, data analysis, and decision-making skills. The Supply Chain Management major is a STEM degree.

### Program Code

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429

### Program Learning Outcomes (PLOs)

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1. Be prepared to be a disciple of Jesus Christ in professional life.
2. Identify issues, analyze alternatives, and choose or create reasoned solutions in a general business context.
3. Demonstrate proficiency with spreadsheet modeling and analysis.
4. Apply quantitative methods in operations management.
5. Identify issues, analyze alternatives and choose or create reasoned solutions in a global sourcing context.
6. Identify issues, analyze alternatives and choose or create reasoned solutions in a logistics management context.
7. Work effectively with others in decision making, team analyses, and creating team-based solutions.



- grades of C- or higher in major courses
- a 2.0 cumulative GPA
- a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- Students should take BUS 301 to fulfill their Advanced Writing Requirement.
- MKT 301, BUS 302, and BUS 300 must be taken concurrently as part of the IBC.

## Program Course Requirements



### General Education

**39**



Total Credits

- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

**44 - 46**



Total Credits

- Complete all of the following
  - Take the following:
    - [ACCTG201](#) - Financial Accounting (3)
    - [ACCTG202](#) - Managerial Accounting (3)
    - [BA211](#) - Business Fundamentals (3)
    - [BA215](#) - Spreadsheet Analysis for Business (3)
    - [BA315](#) - Business Analytics (3)
    - [ECON150](#) - Economic Principles and Problems-Micro (3)
    - [ECON151](#) - Economic Principles and Problems-Macro (3)
    - [FIN301](#) - Financial Management (3)
    - [MATH221A](#) - Business Statistics (3)
    - [SCM398R](#) - Business Supply Chain Internship (1 - 3)
    - [SCM361](#) - Operations Management (3)
    - [SCM461](#) - Advanced Topics in Operations Management (3)
    - [SCM466](#) - Global Sourcing (3)
    - [SCM468](#) - Logistics Management (3)
    - [SCM478](#) - Operations Analysis and Modeling (3)
  - AND
    - Take 1 of the following:
      - [BUS100](#) - Business Exploration and Orientation (1)
      - [FIN100](#) - Intro to Finance, Supply Chain Mgmt. and Business Analytics (1)



## Option 1

- Complete all of the following
  - Take the following:
    - [BUS321](#) - Organizational Leadership (3)
    - [MKT310](#) - Marketing Management (3)
  - Take 1 of the following:
    - [ITM111](#) - Introduction to Databases (3)
    - [MET340](#) - Manufacturing Quality (3)

## Option 2

- Take the following:
  - [BUS300](#) - IBC Business Basics (3)
  - [BUS302](#) - IBC Business Leadership (3)
  - [MKT301](#) - IBC Marketing (3)

**Unspecified Electives****26**

Total Credits



- Take at least 26 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 118 - 120**

Degree

Bachelor of Science (BS)

Department

Department of Finance



# BYU-Idaho Academic Catalog

## Supply Chain Management (Minor)

### Program Description



A group of courses (24 credits) designed to encourage focused learning in Supply Chain Management, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

### Program Code

249

### Program Notes



- Not all courses are available online. Please check [www.byui.edu/online](http://www.byui.edu/online) for a list of courses offered online.
- SCM 461 and SCM 478 should be taken concurrently.
- This minor is not available for the following majors:
  - Supply Chain Management
  - Business Management Operations

### Program Course Requirements



#### Minor Core

21

Total Credits





- [SCM461](#) - Advanced Topics in Operations Management (3)
- [SCM466](#) - Global Sourcing (3)
- [SCM468](#) - Logistics Management (3)
- [SCM478](#) - Operations Analysis and Modeling (3)

**Electives****3**

Total Credits



- Take 1 of the following:
  - [BA315](#) - Business Analytics (3)
  - [ECON278](#) - Statistics for Economists (3)
  - [MATH221A](#) - Business Statistics (3)
  - [MATH221B](#) - Biostatistics (3)
  - [MATH221C](#) - Social Science Statistics (3)
  - [MATH221D](#) - Introductory Statistics with R (3)
  - [MATH330](#) - Engineering Statistics (3)
  - [MET340](#) - Manufacturing Quality (3)

**Grand Total Credits: 24****Department**

Department of Finance

# BYU-Idaho Academic Catalog

## Technical and Professional Writing (Minor)

### Program Description



The Technical and Professional Writing degree prepares students to write clear, organized content in a variety of professional genres and helps them develop skills in analyzing audiences and rhetorical situations. This degree emphasizes key writing skills such as drafting, revising, editing, giving/receiving feedback, and writing collaboratively. Additionally, students will gain experience creating multimedia products and collaborating with clients and other writers. This degree will afford students two types of career paths: 1) as employees in a range of disciplines that require effective writing skills, and 2) as technical or professional writers who can also serve as subject matter experts based on their university major.

### Program Code

279

### Program Learning Outcomes (PLOs)

1. Write clear and organized content suitable for various workplaces.
2. Design, draft, and edit content for specific audiences and rhetorical situations.

### Program Notes



- No grade less than C- in required courses.
- No double counting of courses within the Minor.
- No double counting of courses between the Minor and Major.

Core

18



Total Credits

- Complete all of the following
  - Take the following:
    - [ENG316](#) - Technical Writing and Communication (3)
  - AND
  - Take 1 of the following:
    - [ENG328](#) - Fundamentals of Rhetoric (3)
    - [ENG450](#) - Themes in Rhetoric (3)
  - AND
  - Take 9 credit(s) from:
    - [ENG252](#) - Rhetoric, Design, and Professionalization (3)
    - [ENG321](#) - Technology for Professional Writers (3)
    - [ENG325](#) - Language Theory - Grammar and Usage (3)
    - [ENG326](#) - Editing (3)
    - [ENG398R](#) - English Internship (1 - 6)
    - [ENG400R](#) - Genres of Professional Writing (3)
    - [ENG450](#) - Themes in Rhetoric (3)
    - [ENG452](#) - Advanced Professional Writing (3)
  - AND
  - Take 1 of the following:
    - [ENG400R](#) - Genres of Professional Writing (3)
    - [ENG450](#) - Themes in Rhetoric (3)
    - [ENG452](#) - Advanced Professional Writing (3)

**Grand Total Credits: 18**

Department

Department of English



# BYU-Idaho Academic Catalog

## Welding and Fabrication Technology (Major: Associate-Level)

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### Program Description

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This 2-year associate program provides hands-on training in welding and manufacturing processes. The curriculum includes a solid foundation in welding theory, manufacturing processes, and material science. This program develops skills and is designed for employment in the welding, manufacturing, or fabrication industries. The associate program in Welding Fabrication and Technology is available on the Winter/Spring, Spring/Fall and Fall/Winter tracks.

### Program Code

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374

### Program Learning Outcomes (PLOs)

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1. Operate welding equipment.
2. Operate Computer Numerically Controlled (CNC) machining equipment.
3. Fabricate components in accordance with quality requirements.
4. Collaborate effectively as a member of a technical team.
5. Recognize ethical responsibilities as a welding professional.
6. Demonstrate oral or written communication to describe industry-related situations.

### Program Notes

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- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### General Education

18

Total Credits



- Take at least 18 credit(s) to complete one of the following program(s): [GE - AAS](#)

### Core

35

Total Credits



- Take the following:

- [AUTO131](#) - Electrical Systems (2)
- [CHEM101](#) - Introductory Chemistry (3)
- [CHEM101L](#) - Introductory Chemistry Lab (1)
- [ME101](#) - Introduction to Engineering and Technology (1)
- [ME172](#) - Parametric Mechanical CAD (3)
- [MET231](#) - Manufacturing Processes I (2)
- [MET231L](#) - Manufacturing Processes I Lab (1)
- [MET332](#) - Computer Numerical Control (CNC) (3)
- [PH101](#) - Fundamentals of Physics (3)
- [WELD170](#) - Welding Science and Allied Processes (2)
- [WELD170L](#) - Welding Science and Allied Processes Lab (2)
- [WELD224](#) - Welding Engineering I (2)
- [WELD224L](#) - Welding Engineering I Lab (2)
- [WELD243](#) - Welding Engineering II (2)
- [WELD243L](#) - Welding Engineering II Lab (2)
- [WELD329](#) - Welding Codes, Certification and Inspection (4)

### Elective Major Credits

6

Total Credits



- Complete 1 of the following

Option 1:

- Take the following:
  - [ACCTG201](#) - Financial Accounting (3)
  - [BA211](#) - Business Fundamentals (3)

Option 2:

**Unspecified Electives**

Total Credits

- Take at least 1 credit(s) from any eligible University credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 60 credits required for graduation.

**Grand Total Credits: 60**

Degree

Associate of Applied Science (AAS)

Department

Department of Engineering Technology

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# BYU-Idaho Academic Catalog

## Welding and Fabrication Technology (Major: Bachelor-Level)

### Program Description



The Welding Fabrication and Technology Management BS degree prepares graduates for career opportunities in managing the operations of welding-related businesses and industries including manufacturers, welding equipment producers, suppliers, technical sales, marketing, and other technology-oriented companies. It is also a great preparation for becoming a business owner or entrepreneur. The Welding Fabrication and Technology Management BS degree is available for declaration for students on the Fall/Winter and Winter/Spring tracks.

### Program Code

474

### Program Learning Outcomes (PLOs)

1. Using technical skill and savvy, recognize advantages and disadvantages of standard welding processes.
2. Solve welding-related situations using technical knowledge.
3. Demonstrate knowledge of industrial manufacturing processes.
4. Identify fundamental concepts in financial accounting.
5. Implement basic principles of business management.
6. Assess the impact of marketing strategies.
7. Formulate business strategies for achieving organizational goals.
8. Construct business plans integrating financial accounting and marketing strategies.





## Program Notes



- To graduate with a Bachelor's degree, a student must earn:
  - grades of C- or higher in major courses
  - a 2.0 cumulative GPA
  - a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.
- Students must be on the Fall/Winter or Winter/Spring tracks to declare this program.

## Program Course Requirements



### General Education

39

Total Credits



- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Introductory Core

11

Total Credits



- Take the following:
  - [ME101](#) - Introduction to Engineering and Technology (1)
  - [ME172](#) - Parametric Mechanical CAD (3)
  - [MET231](#) - Manufacturing Processes I (2)
  - [MET231L](#) - Manufacturing Processes I Lab (1)
  - [WELD170](#) - Welding Science and Allied Processes (2)
  - [WELD170L](#) - Welding Science and Allied Processes Lab (2)

### Core

55

Total Credits



- Take the following:
  - [ACCTG201](#) - Financial Accounting (3)
  - [BA211](#) - Business Fundamentals (3)
  - [BUS200](#) - Small Business Management (3)
  - [BUS300](#) - IBC Business Basics (3)
  - [BUS302](#) - IBC Business Leadership (3)
  - [BUS499](#) - Principles of Business Strategy (3)
  - [CHEM101](#) - Introductory Chemistry (3)



## WELD221 - Welding Engineering I (2)

- [WELD224L](#) - Welding Engineering I Lab (2)
- [WELD243](#) - Welding Engineering II (2)
- [WELD243L](#) - Welding Engineering II Lab (2)
- [WELD329](#) - Welding Codes, Certification and Inspection (4)
- [WELD338](#) - Welding Automation (3)
- [WELD350](#) - Welding Metallurgy (3)
- [WELD480](#) - Welding Fabrication (4)

**Experiential Learning****1 - 3**

Total Credits



- Take 1 of the following:

- [BUS398R](#) - Advanced Business Internship (1 - 3)
- [WELD298R](#) - Welding Internship (1)

**Unspecified Electives****12**

Total Credits



- Take at least 12 credit(s) from any eligible university credits.

In addition to courses meeting the requirements for this program, students can take other courses offered by the university, for which they meet the course eligibility requirements, to bring their total number of credits to the minimum of 120 credits required for graduation. Additional credits may also come from credits received through General Education courses.

**Grand Total Credits: 118 - 120****Degree**

Bachelor of Science (BS)

**Department**

Department of Engineering Technology

# BYU-Idaho Academic Catalog

## **Welding Engineering Technology (Major: Bachelor-Level)**

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### **Program Description**

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The Welding Engineering Technology BS degree prepares students for professional careers in a wide range of welding industries including: shipbuilding, agriculture, heavy equipment, automotive, aerospace, motorized recreation equipment, industrial equipment, material handling, welding equipment, etc. Welding engineers may be involved in a variety of activities such as design, automation, inspection, quality, problem solving, improving manufacturing efficiencies, sales, trouble-shooting, etc. The Welding Engineering Technology degree requires students who enjoy a hands-on approach as well as the challenge of engineering. Students in Welding Engineering Technology will learn the science and language of welding and engineering so that they will be able to span the gap between design and manufacturing. The Welding Engineering Technology BS degree is available on the Fall/Winter and Winter/ Spring tracks.

### **Program Code**

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473

### **Program Learning Outcomes (PLOs)**

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1. Demonstrate entry-level proficiency in current fundamental welding techniques.
2. Identify current fundamental welding processes for industrial applications.
3. Conduct qualification tests in accordance with applicable welding codes and standards.
4. Demonstrate use of industrial robotic systems.
5. Evaluate welding procedures in accordance with metallurgical principles.
6. Justify industrial quality control methods.



11. Demonstrate oral or written communication to describe industry related situations.

## Program Notes



- To graduate with a Bachelor's degree, a student must earn:
  - grades of C- or higher in major courses
  - a 2.0 cumulative GPA
  - a minimum of 120 cumulative credits
- Graduation in this program does not imply or guarantee licensure or certification reciprocity or job attainment in Idaho or any other state or country.

## Program Course Requirements



### General Education

39

Total Credits



- Take at least 39 credit(s) to complete one of the following program(s): [GE - BACH](#)

### Core

51

Total Credits



- Take the following:
  - [MATH330](#) - Engineering Statistics (3)
  - [ME101](#) - Introduction to Engineering and Technology (1)
  - [ME142](#) - Engineering Computation (3)
  - [ME172](#) - Parametric Mechanical CAD (3)
  - [ME201](#) - Engineering Mechanics: Statics (3)
  - [ME202](#) - Strength of Materials (3)
  - [ME272](#) - Mechanical CADD and GD&T (3)
  - [MET231](#) - Manufacturing Processes I (2)
  - [MET231L](#) - Manufacturing Processes I Lab (1)
  - [MET332](#) - Computer Numerical Control (CNC) (3)
  - [WELD170](#) - Welding Science and Allied Processes (2)
  - [WELD170L](#) - Welding Science and Allied Processes Lab (2)
  - [WELD224](#) - Welding Engineering I (2)
  - [WELD224L](#) - Welding Engineering I Lab (2)
  - [WELD243](#) - Welding Engineering II (2)
  - [WELD243L](#) - Welding Engineering II Lab (2)

**Math Core****4 - 9**

Total Credits



- Complete 1 of the following

Option 1:

- Take the following:
  - [MATH112X](#) - Calculus I (4)

Option 2:

- Take the following:
  - [MATH109](#) - Precalculus (5)
  - [MATH112X](#) - Calculus I (4)

Option 3:

- Take the following:
  - [MATH110X](#) - College Algebra (3)
  - [MATH111](#) - Trigonometry (2)
  - [MATH112X](#) - Calculus I (4)

**Chemistry Core****3**

Total Credits



- Take 1 of the following:

- [CHEM101](#) - Introductory Chemistry (3)
- [CHEM105](#) - General Chemistry I (3)

**Interdisciplinary Courses****3 - 4**

Total Credits



- Complete all of the following

- Take the following:
  - [WELD298R](#) - Welding Internship (1)
- AND
- Take 1 of the following:
  - [IDS499](#) - Interdisciplinary Capstone (2)
  - [MET340](#) - Manufacturing Quality (3)

**Unspecified Electives****14**

Total Credits



- Take at least 14 credit(s) from any eligible university credits.



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**Grand Total Credits: 114 - 120**

Degree

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Bachelor of Science (BS)

Department

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Department of Engineering Technology

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# BYU-Idaho Academic Catalog

## Welding Fabrication Technology (Minor)

### Program Description



A group of courses (20-24 credits) designed to encourage focused learning in Welding Fabrication Technology, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

### Program Code

217

### Program Notes



- No grade less than C- in Minor courses.

### Program Course Requirements



#### Core

17

Total Credits



- Take the following:
  - [ACCTG201](#) - Financial Accounting (3)
  - [ME172](#) - Parametric Mechanical CAD (3)
  - [MET231](#) - Manufacturing Processes I (2)



**Electives**

**6**

Total Credits



- Take 6 credit(s) from:
  - [AUTO131](#) - Electrical Systems (2)
  - [MATH110X](#) - College Algebra (3)
  - [MATH111](#) - Trigonometry (2)
  - [MET332](#) - Computer Numerical Control (CNC) (3)
  - [WELD329](#) - Welding Codes, Certification and Inspection (4)
  - [WELD338](#) - Welding Automation (3)

**Grand Total Credits: 23**

Department

Department of Engineering Technology

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# BYU-Idaho Academic Catalog

## Welding (Cluster)

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in Welding, supplemental to a major.

### Program Code

6302

### Program Course Requirements

#### Core Courses

12

Total Credits

- Take the following:
  - [WELD170](#) - Welding Science and Allied Processes (2)
  - [WELD170L](#) - Welding Science and Allied Processes Lab (2)
  - [WELD224](#) - Welding Engineering I (2)
  - [WELD224L](#) - Welding Engineering I Lab (2)
  - [WELD243](#) - Welding Engineering II (2)
  - [WELD243L](#) - Welding Engineering II Lab (2)

**Grand Total Credits: 12**

# BYU-Idaho Academic Catalog

## World History (Cluster)

### Program Description

A cluster of courses (12-15 credits) designed to prepare students in World History, supplemental to a major.

### Program Code

4004

### Program Course Requirements

#### Core Courses

13

Total Credits

- Complete all of the following
  - Take the following:
    - [HIST104](#) - History Skills and Careers (1)
    - [HIST201](#) - World History to 1500 (3)
    - [HIST202](#) - Modern World History (3)
    - [HIST300](#) - Writing and Research in History (3)
  - AND
    - Take 1 of the following:
      - [HIST304](#) - Ancient Greece and Rome (3)
      - [HIST306](#) - Medieval History (3)

- [HIST312 - The Golden Age of Vikings \(3\)](#)

- o [HIST313 - Roman Imperialism \(3\)](#)
- o [HIST314 - Augustus and the Roman Empire \(3\)](#)
- o [HIST315 - Anglo-Saxon England \(3\)](#)
- o [HIST316 - The Crusades \(3\)](#)
- o [HIST317 - The Byzantine Empire \(3\)](#)
- o [HIST318 - The Medieval Papacy \(3\)](#)
- o [HIST319 - The Hundred Years War \(3\)](#)
- o [HIST320 - The Holocaust \(3\)](#)
- o [HIST325 - Middle East: Muhammad to 1800 \(3\)](#)
- o [HIST326 - Modern Middle East \(3\)](#)
- o [HIST327 - The Islamic World \(3\)](#)
- o [HIST330 - History of East Asia \(3\)](#)
- o [HIST331 - South Asia \(3\)](#)
- o [HIST335 - Africa since 1400 \(3\)](#)
- o [HIST341 - Colonial Latin American History \(3\)](#)
- o [HIST342 - Modern Latin American History \(3\)](#)
- o [HIST363 - The American West \(3\)](#)
- o [HIST370 - Early American History to 1800 \(3\)](#)
- o [HIST372 - Civil War and Reconstruction \(3\)](#)
- o [HIST376 - U.S. Industrial Age 1870-1945 \(3\)](#)
- o [HIST378 - United States History Since 1945 \(3\)](#)
- o [HIST380 - U.S. Constitutional History and Law \(3\)](#)
- o [HIST381 - The History of Film in America \(3\)](#)
- o [HIST382 - U.S. Women's History \(3\)](#)
- o [HIST390R - Special Topics in History \(3\)](#)
- o [HIST392 - History of Peace \(3\)](#)
- o [HIST393 - Environmental History of Protected Landscapes \(3\)](#)
- o [HIST394 - Public History \(3\)](#)
- o [HIST395 - History of Religions \(3\)](#)

**Grand Total Credits: 13****Department**

Department of History, Geography and Political Science

