



# BYU-IDAHO ONLINE DEGREES BOOKLET

Overview of certificates and degrees offered online

The hyperlinks in this booklet will link you to sites on [www.byui.edu](http://www.byui.edu).

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# Foundations

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## Foundations for Associate's Degrees (Foundations)

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### PROGRAM DESCRIPTION

All students pursuing a Associate's Degree are required to complete 34 credits of Foundations courses (similar to GE requirements at other schools).

### PROGRAM COURSE REQUIREMENTS

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#### **Eternal Truths**

8 Total Credits

- Complete the Cornerstone and Elective Religion requirements listed below:

#### **Cornerstone Courses**

4 Total Credits

- Take 2 of the following:
  - [FDREL 200](#) - The Eternal Family (2)
  - [FDREL 225](#) - Foundations of the Restoration (2)
  - [FDREL 250](#) - Jesus Christ and the Everlasting Gospel (2)
  - [FDREL 275](#) - The Teachings and Doctrine of the Book of Mormon (2)

#### **Other Religion Courses**

4 Total Credits

- Take 4 credit(s) from:
    - [FDREL 121](#) - Book of Mormon (2)
    - [FDREL 122](#) - Book of Mormon (2)
    - [FDREL 130](#) - Missionary Preparation (2)
    - [FDREL 190](#) - Special Topics in Scripture (1 - 3)
    - [FDREL 211](#) - New Testament (2)
-

- [FDREL 261](#) - Introduction to Family History (2)
- [FDREL 301](#) - Old Testament (2)
- [FDREL 302](#) - Old Testament (2)
- [FDREL 324](#) - Doctrine and Covenants (2)
- [FDREL 325](#) - Doctrine and Covenants (2)
- [FDREL 333](#) - Teachings of the Living Prophets (2)

## Academic Fundamentals: English and Math

9 – 10 Total Credits

- Complete the Reading, Writing, & Critical Thinking, Advanced Research Writing, and Quantitative Reasoning requirements listed below:

## Reading, Writing, & Critical Thinking

3 Total Credits

- Take the following:
  - [FDENG 101](#) - Writing and Reasoning Foundations (3)

## Advanced Research Writing

3 Total Credits

- Complete 1 of the following
  - [FDENG 301](#) - Advanced Writing and Research (3)
  - [B 320](#) - Advanced Writing in Professional Contexts (3)

## Quantitative Reasoning

3 – 4 Total Credits

- Complete 1 of the following
  - [FDMAT 108](#) - Math for the Real World (3)
  - [FDMAT 112](#) - Calculus I (4)

## Science Foundations (Option A)

8 Total Credits

- Complete the Science Foundations and Issues in the Sciences requirements listed below:

## Science

2 Total Credits

- Take the following:
  - [FDSCI 101](#) - Science Foundations (2)

## Issues in Sciences

6 Total Credits

- Complete all of the following
  - **The courses in the requirement below represent three Issues in the Sciences areas. Complete one course from 2 of the three areas :** PHYSICAL SCIENCE ( 201, 299P) LIFE SCIENCE (203, 205, 299L) SOCIAL SCIENCE (299S)

- Take 1 of the following:
  - [FDSCI 201](#) - Natural Disasters (3)
  - [FDSCI 299P](#) - Topics in the Physical Sciences (3): (applies to transfer credits only)

Take 1 of the following:

- [FDSCI 203](#) - Environmental Stewardship (3)
- [FDSCI 205](#) - DNA: Genetic Identity, Disease and Design (3)
- [FDSCI 299L](#) - Topics in the Life Sciences (3): (applies to transfer credits only)
- [FDSCI 299S](#) - Topics in Social Science (3): (applies to transfer credits only)

### **Cultural Awareness**

9 Total Credits

- Complete the American Foundations and Humanities, International, Literature & World requirements listed below:

### **American Foundations**

3 Total Credits

- Take 1 of the following:
  - [FDAMF 101](#) - American Foundations (3)

### **Humanities, International, Literature & World**

6 Total Credits

- Complete all of the following
  - Take 1 of the following:
    - [FDHUM 110](#) - Foundations of Humanities (3)
    - [FDWLD 101](#) - World Foundations I (3)
  - Take 1 of the following:
    - [FDHUM 299](#) - Topics in the Humanities (3): (applies to transfer credits only)
    - [FDINT 211](#) - Global Hotspot: Pakistan (3)
    - [FDINT 299](#) - Topics in International Issues (3): (applies to transfer credits only)
    - [FDLIT 299](#) - Topics in Literature (3): (applies to transfer credits only)
    - [FDWLD 201](#) - World Foundations II (3)

**Grand Total Credits: 34 - 35**

## **FOUNDATION SCIENCE OPTION B: FOR BIOLOGICAL SCIENCES**

- This substitution is primarily for students majoring in Biological Studies.

## **FOUNDATION SCIENCE OPTION B COURSE REQUIREMENTS**

### **Core Courses**

7 – 9 Total Credits

- Complete all of the following

- Take the following:
  - [FDSCI 101](#) - Science Foundations (2)
- Take 1 of the following:
  - [BIO 221](#) - General Microbiology (3)
  - [BIO 264](#) - Human Anatomy & Physiology I (3)
- Take 1 of the following:
  - [CHEM 101](#) - Introductory General Chemistry (3)
  - [HS 420](#) - Health Behavior Theories and Models (2)
  - [PSYCH 111](#) - General Psychology (3)
  - [SOC 111](#) - Introduction to Sociology (3)

**Grand Total Credits: 7 - 9**



# Foundations for Applied Associate's Degrees (Foundations)

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## PROGRAM DESCRIPTION

All students pursuing an Applied Associate's Degree are required to complete 17 credits of Foundations courses (similar to GE requirements at other schools).

## PROGRAM COURSE REQUIREMENTS

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### Eternal Truths

8 Total Credits

- Complete the Cornerstone and Elective Religion requirements listed below:

### Cornerstone Courses

4 Total Credits

- Take 2 of the following:
  - [FDREL 200](#) - The Eternal Family (2)
  - [FDREL 225](#) - Foundations of the Restoration (2)
  - [FDREL 250](#) - Jesus Christ and the Everlasting Gospel (2)
  - [FDREL 275](#) - The Teachings and Doctrine of the Book of Mormon (2)

### Other Religion Courses

4 Total Credits

- Take 4 credit(s) from:
  - [FDREL 121](#) - Book of Mormon (2)
  - [FDREL 122](#) - Book of Mormon (2)
  - [FDREL 130](#) - Missionary Preparation (2)
  - [FDREL 190](#) - Special Topics in Scripture (1 - 3)
  - [FDREL 200](#) - The Eternal Family (2)
  - [FDREL 211](#) - New Testament (2)
  - [FDREL 212](#) - New Testament (2)
  - [FDREL 225](#) - Foundations of the Restoration (2)
  - [FDREL 250](#) - Jesus Christ and the Everlasting Gospel (2)
  - [FDREL 261](#) - Introduction to Family History (2)
  - [FDREL 275](#) - The Teachings and Doctrine of the Book of Mormon (2)
  - [FDREL 301](#) - Old Testament (2)
  - [FDREL 302](#) - Old Testament (2)
  - [FDREL 324](#) - Doctrine and Covenants (2)
  - [FDREL 325](#) - Doctrine and Covenants (2)
  - [FDREL 327](#) - Pearl of Great Price (2)
  - [FDREL 333](#) - Teachings of the Living Prophets (2)

## **Academic Fundamentals**

9 - 10 Total Credits

- Complete the Reading, Writing, & Critical Thinking, Advanced Research Writing, and Quantitative Reasoning requirements listed below:

## **Reading, Writing, & Critical Thinking**

3 Total Credits

- Take the following:
  - [FDENG 101](#) - Writing and Reasoning Foundations (3)

## **Advanced Research Writing**

3 Total Credits

- Complete 1 of the following
  - [FDENG 301](#) - Advanced Writing and Research (3)
  - [B 320](#) - Advanced Writing in Professional Contexts (3)

## **Quantitative Reasoning**

3 – 4 Total Credits

- Complete 1 of the following
  - [FDMAT 108](#) - Math for the Real World (3)
  - [FDMAT 112](#) - Calculus I (4)

**Grand Total Credits: 17 - 18**

# Foundations for Bachelor's Degrees (Foundations)

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## PROGRAM DESCRIPTION

All students pursuing a Bachelor's Degree are required to complete 40 credits of Foundations courses (similar to GE requirements at other schools).

## *PROGRAM COURSE REQUIREMENTS*

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### **Eternal Truths**

14 Total Credits

- Complete the Cornerstone and Elective Religion requirements listed below:

### **Cornerstone Courses**

8 Total Credits

- Take the following:
  - [FDREL 200](#) - The Eternal Family (2)
  - [FDREL 225](#) - Foundations of the Restoration (2)
  - [FDREL 250](#) - Jesus Christ and the Everlasting Gospel (2)
  - [FDREL 275](#) - The Teachings and Doctrine of the Book of Mormon (2)

### **Other Religion Courses**

6 Total Credits

- Take 6 credit(s) from:
  - [FDREL 121](#) - Book of Mormon (2)
  - [FDREL 122](#) - Book of Mormon (2)
  - [FDREL 130](#) - Missionary Preparation (2)
  - [FDREL 211](#) - New Testament (2)
  - [FDREL 212](#) - New Testament (2)
  - [FDREL 261](#) - Introduction to Family History (2)
  - [FDREL 301](#) - Old Testament (2)
  - [FDREL 302](#) - Old Testament (2)
  - [FDREL 324](#) - Doctrine and Covenants (2)
  - [FDREL 325](#) - Doctrine and Covenants (2)
  - [FDREL 327](#) - Pearl of Great Price (2)
  - [FDREL 333](#) - Teachings of the Living Prophets (2)

### **Academic Fundamentals**

9 - 10 Total Credits

- Complete the Reading, Writing, & Critical Thinking, Advanced Research Writing, and Quantitative Reasoning requirements listed below:

## Reading, Writing, & Critical Thinking

3 Total Credits

- Take the following:
  - [FDENG 101](#) - Writing and Reasoning Foundations (3)

## Advanced Research Writing

3 Total Credits

- Complete 1 of the following
  - [FDENG 301](#) - Advanced Writing and Research (3)
  - [B 320](#) - Advanced Writing in Professional Contexts (3)

## Quantitative Reasoning

3 – 4 Total Credits

- Complete 1 of the following
  - [FDMAT 108](#) - Math for the Real World (3)
  - [FDMAT 112](#) - Calculus I (4)

## Science

8 Total Credits

- Complete the Science Foundations and Issues in the Sciences requirements listed below:

## Science Foundations (Option A)

2 Total Credits

- Take the following:
  - [FDSCI 101](#) - Science Foundations (2)

## Issues in Sciences

6 Total Credits

- Complete all of the following
  - **The courses in the requirement below represent three Issues in the Sciences areas. Complete one course from 2 of the three areas** : PHYSICAL SCIENCE ( 201, 299P) LIFE SCIENCE (203, 205, 299L) SOCIAL SCIENCE (299S)
  - Take 1 of the following:
    - [FDSCI 201](#) - Natural Disasters (3)
    - [FDSCI 299P](#) - Topics in the Physical Sciences (3): (applies to transfer credits only)

Take 1 of the following:

- [FDSCI 203](#) - Environmental Stewardship (3)
- [FDSCI 205](#) - DNA: Genetic Identity, Disease and Design (3)
- [FDSCI 299L](#) - Topics in the Life Sciences (3): (applies to transfer credits only)
- [FDSCI 299S](#) - Topics in Social Science (3): (applies to transfer credits only)

## Cultural Awareness

9 Total Credits

- Complete the American Foundations and Humanities, International, Literature & World requirements listed below:

### American Foundations

3 Total Credits

- Take the following:
  - [FDAMF 101](#) - American Foundations (3)

### Humanities, International, Literature & World

6 Total Credits

- Complete all of the following
  - Take 1 of the following:
    - [FDHUM 110](#) - Foundations of Humanities (3)
    - [FDWLD 101](#) - World Foundations I (3)
  - Take 1 of the following:
    - [FDHUM 299](#) - Topics in the Humanities (3)
    - [FDINT 211](#) - Global Hotspot: Pakistan (3)
    - [FDINT 299](#) - Topics in International Issues (3)
    - [FDLIT 299](#) - Topics in Literature (3)
    - [FDWLD 201](#) - World Foundations II (3)

**Grand Total Credits: 40 - 41**

## FOUNDATION SCIENCE OPTION B: FOR BIOLOGICAL SCIENCES

- This substitution is primarily for students majoring in Biological Studies.

## FOUNDATION SCIENCE OPTION B COURSE REQUIREMENTS

### Core Courses

7 – 9 Total Credits

- Complete all of the following
  - Take the following:
    - [FDSCI 101](#) - Science Foundations (2)
  - Take 1 of the following:
    - [BIO 221](#) - General Microbiology (3)
    - [BIO 264](#) - Human Anatomy & Physiology I (3)
  - Take 1 of the following:
    - [CHEM 101](#) - Introductory General Chemistry (3)
    - [HS 420](#) - Health Behavior Theories and Models (2)
    - [PSYCH 111](#) - General Psychology (3)
    - [SOC 111](#) - Introduction to Sociology (3)

**Grand Total Credits: 7 - 9**

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# Associate of General Studies (and TESOL certificate)

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## General Studies (Major: Associate-Level)

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### PROGRAM DESCRIPTION

A 60-credit program comprised of Foundations requirements and elective credits. A student can graduate with this degree or use it as a foundation in the subsequent pursuit of a bachelor degree. All students pursuing an Associate's Degree are required to complete 34 credits of Foundations courses (similar to GE requirements at other schools).

PROGRAM CODE: 399

DEGREE: Associate of Science (AS)

DEPARTMENT: Department of Interdisciplinary Studies

### PROGRAM NOTES

- No double counting of major courses

### *PROGRAM COURSE REQUIREMENTS*

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#### **Eternal Truths**

8 Total Credits

- Complete the Cornerstone and Elective Religion requirements listed below:

#### **Cornerstone Courses**

4 Total Credits

- Take 2 of the following:
  - [FDREL 200](#) - The Eternal Family (2)
  - [FDREL 225](#) - Foundations of the Restoration (2)
  - [FDREL 250](#) - Jesus Christ and the Everlasting Gospel (2)

- [FDREL 275](#) - The Teachings and Doctrine of the Book of Mormon (2)

## **Other Religion Courses**

4 Total Credits

- Take 4 credit(s) from:
  - [FDREL 121](#) - Book of Mormon (2)
  - [FDREL 122](#) - Book of Mormon (2)
  - [FDREL 130](#) - Missionary Preparation (2)
  - [FDREL 190](#) - Special Topics in Scripture (1 - 3)
  - [FDREL 211](#) - New Testament (2)
  - [FDREL 261](#) - Introduction to Family History (2)
  - [FDREL 301](#) - Old Testament (2)
  - [FDREL 302](#) - Old Testament (2)
  - [FDREL 324](#) - Doctrine and Covenants (2)
  - [FDREL 325](#) - Doctrine and Covenants (2)
  - [FDREL 333](#) - Teachings of the Living Prophets (2)

## **Academic Fundamentals: English and Math**

9 – 10 Total Credits

- Complete the Reading, Writing, & Critical Thinking, Advanced Research Writing, and Quantitative Reasoning requirements listed below:

## **Reading, Writing, & Critical Thinking**

3 Total Credits

- Take the following:
  - [FDENG 101](#) - Writing and Reasoning Foundations (3)

## **Advanced Research Writing**

3 Total Credits

- Complete 1 of the following
  - [FDENG 301](#) - Advanced Writing and Research (3)
  - [B 320](#) - Advanced Writing in Professional Contexts (3)

## **Quantitative Reasoning**

3 – 4 Total Credits

- Complete 1 of the following
  - [FDMAT 108](#) - Math for the Real World (3)
  - [FDMAT 112](#) - Calculus I (4)

## **Science Foundations (Option A)**

8 Total Credits

- Complete the Science Foundations and Issues in the Sciences requirements listed below:

## **Science**

## 2 Total Credits

- Take the following:
  - [FDSCI 101](#) - Science Foundations (2)

## Issues in Sciences

### 6 Total Credits

- Complete all of the following
  - **The courses in the requirement below represent three Issues in the Sciences areas. Complete one course from 2 of the three areas** : PHYSICAL SCIENCE ( 201, 299P) LIFE SCIENCE (203, 205, 299L) SOCIAL SCIENCE (299S)
  - Take 1 of the following:
    - [FDSCI 201](#) - Natural Disasters (3)
    - [FDSCI 299P](#) - Topics in the Physical Sciences (3): (applies to transfer credits only)

Take 1 of the following:

- [FDSCI 203](#) - Environmental Stewardship (3)
- [FDSCI 205](#) - DNA: Genetic Identity, Disease and Design (3)
- [FDSCI 299L](#) - Topics in the Life Sciences (3): (applies to transfer credits only)
- [FDSCI 299S](#) - Topics in Social Science (3): (applies to transfer credits only)

## Cultural Awareness

### 9 Total Credits

- Complete the American Foundations and Humanities, International, Literature & World requirements listed below:

## American Foundations

### 3 Total Credits

- Take 1 of the following:
  - [FDAMF 101](#) - American Foundations (3)

## Humanities, International, Literature & World

### 6 Total Credits

- Complete all of the following
  - Take 1 of the following:
    - [FDHUM 110](#) - Foundations of Humanities (3)
    - [FDWLD 101](#) - World Foundations I (3)
  - Take 1 of the following:
    - [FDHUM 299](#) - Topics in the Humanities (3): (applies to transfer credits only)
    - [FDINT 211](#) - Global Hotspot: Pakistan (3)
    - [FDINT 299](#) - Topics in International Issues (3): (applies to transfer credits only)
    - [FDLIT 299](#) - Topics in Literature (3): (applies to transfer credits only)
    - [FDWLD 201](#) - World Foundations II (3)



## Grand Total Credits: 34 – 35

### General Elective Credits

26 Total Credits

- Take 26 credit(s) from any eligible University credits.

## Grand Total Credits: 60

## FOUNDATION SCIENCE OPTION B: FOR BIOLOGICAL SCIENCES

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- This substitution is primarily for students majoring in Biological Studies.

## FOUNDATION SCIENCE OPTION B COURSE REQUIREMENTS

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### Core Courses

7 – 9 Total Credits

- Complete all of the following
  - Take the following:
    - [FDSCI 101](#) - Science Foundations (2)
  - Take 1 of the following:
    - [BIO 221](#) - General Microbiology (3)
    - [BIO 264](#) - Human Anatomy & Physiology I (3)
  - Take 1 of the following:
    - [CHEM 101](#) - Introductory General Chemistry (3)
    - [HS 420](#) - Health Behavior Theories and Models (2)
    - [PSYCH 111](#) - General Psychology (3)
    - [SOC 111](#) - Introduction to Sociology (3)

## Grand Total Credits: 7 - 9

# TESOL (Certificate)

---

## PROGRAM DESCRIPTION

This certificate provides students with an understanding of fundamental principles of second language acquisition. Students will understand fundamental principles of second language acquisition. Students will also learn language teaching approaches and methods and practice teaching the four skills (listening, speaking, reading, and writing) as well as grammar and vocabulary. Other topics covered include linguistics classroom management, and culture.

PROGRAM CODE: C109

## PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses
- This program is restricted to online degree-seeking students only.

Recommended Sequencing:

Semester 1: TESOL101 and TESOL104

Semester 2: TESOL102 and TESOL103

Semester 3: ED312 and TESOL105

## PROGRAM COURSE REQUIREMENTS

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### Core Courses

15 Total Credits

- Take the following:
  - [ED 312](#) - Culture and Diversity (2)
  - [TESOL 101](#) - Introduction to TESOL (3)
  - [TESOL 102](#) - TESOL Pedagogy I (3)
  - [TESOL 103](#) - TESOL Pedagogy II (3)
  - [TESOL 104](#) - English Grammar for TESOL (3)
  - [TESOL 105](#) - TESOL Practice (1)

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**Grand Total Credits: 15**

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# Family History Research certificates and degrees

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## Family History Research (Certificate)

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### PROGRAM DESCRIPTION

This certificate provides students with a basic understanding of family history research principles and practices.

PROGRAM CODE: C107

### PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses

Recommended Sequencing:

Semester 1: FDREL 261 and FHGEN 111

Semester 2: FHGEN 120 and FHGEN 130

Semester 3: FHGEN 112, 160 or FHGEN 211 (choose one)

### *PROGRAM COURSE REQUIREMENTS*

---

#### **Core Courses**

14 Total Credits

- Complete all of the following
  - Take the following:
    - [FDREL 261](#) - Introduction to Family History (2)
    - [FHGEN 111](#) - Introduction to Family History Research, Part One: Record Groups and Methodology (3)
    - [FHGEN 120](#) - Internet and Computer Skills (3)
    - [FHGEN 130](#) - Paleography (3)
  - Take 1 of the following:
    - [FHGEN 112](#) - Introduction to Family History Research, Part Two: Analysis of Research Evidence (3)
    - [FHGEN 160](#) - The Family and Society (3)

- [FHGEN 211](#) - Research Methodology, Part 1 (3)
- 

**Grand Total Credits: 14**

# Family History Research (Major: Associate-Level)

---

## PROGRAM DESCRIPTION

A group of courses through which students specialize in Family History Research.

PROGRAM CODE: 376

DEGREE: Associate of Applied Science (AAS)

## PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C- in Major Courses
- The FHGEN 251 and 252 courses must be selected with same letter designation.

## *PROGRAM COURSE REQUIREMENTS*

---

### Foundations

17 Total Credits

- Take at least 17 credit(s) to complete one of the following programs: [FND - AAS](#)

### Core Courses

32 Total Credits

- Take the following:
    - [FDREL 261](#) - Introduction to Family History (2)
    - [FHGEN 111](#) - Introduction to Family History Research, Part One: Record Groups and Methodology (3)
    - [FHGEN 112](#) - Introduction to Family History Research, Part Two: Analysis of Research Evidence (3)
    - [FHGEN 120](#) - Internet and Computer Skills (3)
    - [FHGEN 130](#) - Paleography (3)
    - [FHGEN 140](#) - Genealogical Writing (3)
    - [FHGEN 160](#) - The Family and Society (3)
    - [FHGEN 211](#) - Research Methodology, Part 1 (3)
    - [FHGEN 212](#) - Research Methodology, Part 2 (3)
    - [FHGEN 270](#) - Genealogy as a Business (3)
    - [FHGEN 399](#) - Capstone: Professional Research (3)
-

## Emphasis

6 Total Credits

- Complete 1 of the following
  - Complete all of the following
    - U.S. Regional Research
    - Take the following:
      - [FHGEN 251A](#) - Geographic Specialization Course 1: US Regions Research, Part One (3)
      - [FHGEN 252A](#) - Geographic Specialization Course 2: US Regions Research, Part Two (3)
  - Complete all of the following
    - British Isles Research
    - Take the following:
      - [FHGEN 251B](#) - Geographic Specialization Course 1: British Isles Research, Part One (3)
      - [FHGEN 252B](#) - Geographic Specialization Course 2: British Isles Research, Part Two (3)
  - Complete all of the following
    - German Research
    - Take the following:
      - [FHGEN 251C](#) - Geographic Specialization Course 1: German Research, Part One (3)
      - [FHGEN 252C](#) - Geographic Specialization Course 2: German Research, Part Two (3)
  - Complete all of the following
    - Scandinavian Research
    - Take the following:
      - [FHGEN 251D](#) - Geographic Specialization Course 1: Scandinavian Research, Part One (3)
      - [FHGEN 252D](#) - Geographic Specialization Course 2: Scandinavian Research, Part Two (3)

## General Elective Credits

5 Total Credits

- Take 5 credit(s) from any eligible University credits.

**Grand Total Credits: 60**

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# Business certificates and degrees

---

## Administrative Assistant (Certificate)

---

### PROGRAM DESCRIPTION

This certificate provides students with a solid educational foundation and an understanding of basic business principles and practices.

PROGRAM CODE: C101

### PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses

Recommended Sequencing:

Semester 1: B129 and either COMM125 or COMM175\*

Semester 2: B240 and CIT110

Semester 3: B241 and either ACCTG205 or CIT230\*

\*Students have a choice of COMM 175, CIT 230 or ACCTG 205. If student chooses ACCTG 205, ACCTG 180 should be taken in the first semester.

### *PROGRAM COURSE REQUIREMENTS*

---

#### **Core Courses**

14 - 15 Total Credits

- Take the following:
  - [B 129](#) - Office Procedures (3)
  - [B 240](#) - Word Processing I (3)
  - [B 241](#) - Word Processing II (3)
  - [CIT 110](#) - Introduction to Excel (3)
- Take 1 of the following:
  - [ACCTG 205](#) - Accounting Software (2)
  - [CIT 230](#) - Web Frontend Development (3)

- [COMM 130](#) - Visual Media (3)
- [COMM 150](#) - Interpersonal Theory and Practice (3)

**Grand Total Credits: 14 - 15**

## Agribusiness (Certificate)

---

### PROGRAM DESCRIPTION

This certificate provides students with an understanding of agribusiness knowledge and skills that will lead to more successful employment and careers. This certificate will primarily benefit individuals in developing countries where agriculture is a major contributing factor in their lives.

PROGRAM CODE: C110

### PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses

Recommended Sequencing:

Semester 1: AGBUS105 and AGBUS180A  
Semester 2: AGBUS180B and AGBUS147  
Semester 3: AGBUS138 and AGBUS197R

## PROGRAM COURSE REQUIREMENTS

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### Required Courses

14 Total Credits

- Take the following:
  - [AGBUS 105](#) - Entrepreneurship in Agribusiness (3)
  - [AGBUS 138](#) - Introduction to Agribusiness Leadership and Group Dynamics (3)
  - [AGBUS 147](#) - Introduction to International Agricultural Marketing (3)
  - [AGBUS 180A](#) - Economics and Budgeting Principles (2)
  - [AGBUS 180B](#) - Cash Accounting Concepts and Applications (2)
  - [AGBUS 197R](#) - Agribusiness Practicum (1)

**Grand Total Credits: 14**

## Basic Accounting (Certificate)

---

### PROGRAM DESCRIPTION

This certificate provides students with a basic understanding of accounting principles and practices and the fundamental bookkeeping skills employees need.

PROGRAM CODE: C100

PROGRAM NOTES

- Grade of C- or higher required in all certificate courses.

Recommended Sequencing:

Semester 1: ACCTG180 and COMM 175

Semester 2: ACCTG 205 and CIT 110

Semester 3: B275 or ECON 150

## *PROGRAM COURSE REQUIREMENTS*

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### **Core Courses**

10 Total Credits

- Take the following:
  - [ACCTG 180](#) - Survey of Accounting (3)
  - [ACCTG 205](#) - Accounting Software (2)
  - [COMM 175](#) - Communication Essentials (2)
  - [CIT 110](#) - Introduction to Excel (3)

### **Supplemental Courses**

3 Total Credits

- Take 1 of the following:
  - [B 275](#) - Business Law (3)
  - [ECON 150](#) - Economic Principles and Problems-Micro (3)

**Grand Total Credits: 13**

# Business Management (Certificate)

---

### **PROGRAM DESCRIPTION**

This certificate provides students with an understanding of basic business skills for effective business management.

PROGRAM CODE: C123

PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses



Recommended Sequencing:

First Semester: FDMAT 108 and ECON 150

Second Semester: ACCTG 180 or 201 and B 211

Third Semester: B 215

\*\*Students seeking a Bachelor's degree in Business Management should take ACCTG 201 instead of ACCTG 180.

## PROGRAM COURSE REQUIREMENTS

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### Core Courses

15 Total Credits

- Complete all of the following
  - Take the following:
    - [B 211](#) - Business Fundamentals (3)
    - [B 215](#) - Spreadsheet Analysis for Business (3)
    - [ECON 150](#) - Economic Principles and Problems-Micro (3)
    - [FDMAT 108](#) - Math for the Real World (3)
  - Take 1 of the following:
    - [ACCTG 180](#) - Survey of Accounting (3)
    - [ACCTG 201](#) - Financial Accounting (3)

**Grand Total Credits: 15**

# Commercial Fundamentals (Certificate)

---

## PROGRAM DESCRIPTION

BYU-Idaho's online Certificate in Commercial Fundamentals provides useful business skills in bookkeeping, sales, spreadsheets, and communication, while developing a successful mindset for business and life. In emerging economies, these skills should increase employability and in the small business sector, or at the retail level with a larger company.

PROGRAM CODE: C111

## PROGRAM NOTES

- No double counting for minor courses
- Grade of C- or higher required in all Certificate Courses

Recommended Sequencing:

Semester 1: ACCTG180 and B120

Semester 2: B183 and COMM175

Semester 3: CIT110

## PROGRAM COURSE REQUIREMENTS

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### Required Courses

14 Total Credits

- Take the following:
  - [ACCTG 180](#) - Survey of Accounting (3)
  - [B 120](#) - Sales & Customer Relations (3)
  - [B 183](#) - Introduction to Entrepreneurship (3)
  - [CIT 110](#) - Introduction to Excel (3)
  - [COMM 175](#) - Communication Essentials (2)

---

**Grand Total Credits: 14**

# Entrepreneurship (Certificate)

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## PROGRAM DESCRIPTION

This certificate provides students with an understanding of basic entrepreneurial skills and principles.

PROGRAM CODE: C106

## PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses

Recommended Sequencing:

Semester 1: B120 and ACCTG180 or AGBUS 180A or AGBUS 180B

Semester 2: B183 and B283

Semester 3: B250 or B383

## PROGRAM COURSE REQUIREMENTS

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### Core Courses

15 - 16 Total Credits

- Complete all of the following
  - Complete 1 of the following
    - Take the following:
      - [ACCTG 180](#) - Survey of Accounting (3)
    - Take the following:
      - [AGBUS 180A](#) - Economics and Budgeting Principles (2)
      - [AGBUS 180B](#) - Cash Accounting Concepts and Applications (2)
  - Take the following:

- [B 120](#) - Sales & Customer Relations (3)
  - [B 183](#) - Introduction to Entrepreneurship (3)
  - [B 283](#) - Small Business Creation (3)
- 
- Take 1 of the following:
    - [B 250](#) - Web Business Creation (3)
    - [B 383](#) - Launching New Ventures (3)
- 

**Grand Total Credits: 15 - 16**

# Professional Sales (Certificate)

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## PROGRAM DESCRIPTION

This certificate provides students with a basic understanding of the fundamentals of professional sales.

PROGRAM CODE: C102

## PROGRAM NOTES

- No double counting of minor courses
- Grade of C- or higher required in all certificate courses

Recommended Sequencing:

Semester 1: ACCTG180 and B101  
 Semester 2: B120 and COMM150  
 Semester 3: B341

## *PROGRAM COURSE REQUIREMENTS*

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### Core Courses

14 Total Credits

- Take the following:
    - [ACCTG 180](#) - Survey of Accounting (3)
    - [B 101](#) - Introduction to Business (3)
    - [B 120](#) - Sales & Customer Relations (3)
    - [B 341](#) - Marketing Management (3)
    - [COMM 175](#) - Communication Essentials (2)
- 

**Grand Total Credits: 14**

# Administration Assistant and Office Manager (Major: Associate-Level)

---

## PROGRAM DESCRIPTION

A group of courses through which students specialize in Administrative Assistance and Office Management.

PROGRAM CODE: 370

DEGREE: Associate of Applied Science (AAS)

DEPARTMENT: Department of Business Management

## PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C-
- It is recommended that students complete B 320 to fulfill their Advanced Writing requirement
- Not all courses are available online. Please check [www.byui.edu/online](http://www.byui.edu/online) for a list of courses offered online

## PROGRAM COURSE REQUIREMENTS

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### Foundations

17 Total Credits

- Take at least 17 credit(s) to complete one of the following programs: [FND - AAS](#)

### Core Courses

12 Total Credits

- Take the following:
  - [B 129](#) - Office Procedures (3)
  - [B 240](#) - Word Processing I (3)
  - [B 241](#) - Word Processing II (3)
  - [CIT 110](#) - Introduction to Excel (3)

### Supplemental Courses

23 Total Credits

- Take 23 credit(s) from:
  - [ACCTG 180](#) - Survey of Accounting (3)
  - [ACCTG 205](#) - Accounting Software (2)

- [B 201](#) - Introduction to Finance (3)
- [B 211](#) - Business Fundamentals (3)
- [B 250](#) - Web Business Creation (3)
- [B 283](#) - Small Business Creation (3)
- [B 370](#) - Human Resource Management (3)
- [CIT 230](#) - Web Frontend Development (3): Prerequisite CIT 160 not included in degree.
- [COMM 130](#) - Visual Media (3)
- [COMM 175](#) - Communication Essentials (2)
- [COMM 310](#) - Creating Online Media (3)

### General Elective Credits

8 Total Credits

- Take 8 credit(s) from any eligible University credits.

**Grand Total Credits: 60**

# Business Management (Major: Associate-Level)

## PROGRAM DESCRIPTION

Prepares students for careers in Business Management.

PROGRAM CODE: 371

DEGREE: Associate of Applied Science (AAS)

DEPARTMENT: Department of Business Management

## PROGRAM NOTES

- No Grade Less Than C-
- It is recommended that students complete B 320 to fulfill their Advanced Writing Foundations requirement.
- Other business-related certificates may subsequently be approved by the department.

## PROGRAM COURSE REQUIREMENTS

### Foundations

17 Total Credits

- Take at least 17 credit(s) to complete one of the following programs: [FND - AAS](#)

### Required Certificate

12 Total Credits

- Complete 1 of the following
    - Take at least 12 credit(s) to complete one of the following certificate programs: [C100](#), [C101](#), [C102](#), [C103](#), [C106](#), [C108](#), [C110](#), [C111](#), [C112](#), [C113](#), [C114](#), [C115](#), [C116](#), [C117](#), [C121](#), [C122](#), or [C126](#)
- 

## Core Courses

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22 Total Credits

- Take the following:
    - [ACCTG 201](#) - Financial Accounting (3)
    - [B 100](#) - Career Development (1)
    - [B 211](#) - Business Fundamentals (3)
    - [B 215](#) - Spreadsheet Analysis for Business (3)
    - [B 301](#) - Financial Management (3)
    - [B 321](#) - Organizational Effectiveness (3)
    - [B 341](#) - Marketing Management (3)
    - [ECON 150](#) - Economic Principles and Problems-Micro (3)
- 

## General Elective Credits

9 Total Credits

- Take 9 credit(s) from eligible University credit.

**Grand Total Credits: 60**

# Applied Management (Major: Bachelor-Level)

---

## PROGRAM DESCRIPTION

Students who successfully complete the degree will demonstrate the following skills: 1. Demonstrate effective leadership in a variety of settings. 2. Apply principles of innovation in business contexts. 3. Demonstrate proficiency in developing and using spreadsheets to conduct business analysis. 4. Effectively read and understand financial statements to make business decisions that improve the “health” of an organization. 5. Demonstrate professional writing skills in business contexts. 6. Gain critical competencies in finance, marketing, supply chain management, or entrepreneurship management. 7. Show integrity in professional and personal settings.

PROGRAM CODE: 405

DEGREE: Bachelor of Science (BS)

## PROGRAM NOTES

- No Double Counting of Major Courses.
- No Grade Less Than C-.
- It is recommended that students complete B 320 to fulfill their Advanced Writing requirement.
- Not all courses are available online. Please check [www.byui.edu/online](http://www.byui.edu/online) for a list of courses offered online.
- Students completing the AAS in Business Management (371) are not allowed to complete this degree.

\*These courses should be taken all in one semester as part of the IBC experience where groups of students create a business and run it on campus for the duration of the semester.

\*\*Students should complete all requirements for their specific AAS before moving on to the BS in Applied Management degree. Students must reach a total of 120 credits, 15 of which must be 300-level or above while at BYU-Idaho, in order to graduate.

\*\*\*Take B 298 for 1 credit and B 398R for 1 to 3 credits. Complete pre-approval paperwork at [www.byui.edu/internships](http://www.byui.edu/internships) and meet with Internship Coordinator before starting internship.

## PROGRAM COURSE REQUIREMENTS

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### Foundations

40 Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

### AAS Degree

43 Total Credits

- Take at least 43 credit(s) to complete one of the following programs: [370](#), [375](#), [376](#), [385](#), [390](#)

### Pre-IBC Courses

14 – 18 Total Credits

- Complete all of the following
  - Complete 1 of the following
    - Take the following:
      - [ACCTG 180](#) - Survey of Accounting (3)
      - [B 101](#) - Introduction to Business (3)
    - Take the following:
      - [ACCTG 180](#) - Survey of Accounting (3)
      - [B 211](#) - Business Fundamentals (3)
  - Take the following:
    - [B 298R](#) - Beginning Internship (1 - 3)
    - [B 398R](#) - Advanced Business Internship (1 - 3)

- [B 499A](#) - Principles of Business Strategy (3)
- [B 499E](#) - Business Leadership Capstone (3)

### IBC Courses

9 Total Credits

- Complete the following
  - [B 301](#) - Financial Management (3)
  - [B 321](#) - Organizational Effectiveness (3)
  - [B 341](#) - Marketing Management (3)

### Supplemental Courses

6 Total Credits

- Take 6 credit(s) from:
  - [B 250](#) - Web Business Creation (3)
  - [B 275](#) - Business Law (3)
  - [B 283](#) - Small Business Creation (3)
  - [B 361](#) - Production and Operations Management (3)
  - [B 370](#) - Human Resource Management (3)
  - [B 383](#) - Launching New Ventures (3)
  - [B 483](#) - Entrepreneurial Management (3)
  - [MATH 221A](#) - Business Statistics (3)

### General Elective Credits

8 Total Credits

- Take 8 credit(s) from any eligible University credits.

**Grand Total Credits: 120 - 124**

# Business Management (Major: Bachelor-Level)

## PROGRAM DESCRIPTION

Prepares students for careers in Business Management.

PROGRAM CODE: 415

DEGREE: Bachelor of Science (BS)

## PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C-



- It is recommended that students complete B 320 to fulfill their Advanced Writing requirement.
- Take B 298R and 398R for 1 credit each. Complete pre-approval paperwork at [www.byui.edu/internships](http://www.byui.edu/internships) and meet with an Internship Coordinator before starting internship.

## **PROGRAM COURSE REQUIREMENTS**

---

### **Foundations**

40 Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

### **Core Courses**

33 – 37 Total Credits

- Complete all of the following
  - [ACCTG 201](#) - Financial Accounting (3)
  - [ACCTG 202](#) - Managerial Accounting (3)
  - [B 100](#) - Career Development (1)
  - [B 211](#) - Business Fundamentals (3)
  - [B 215](#) - Spreadsheet Analysis for Business (3)
  - [B 298R](#) - Beginning Internship (1)
  - [B 361](#) - Production and Operations Management (3)
  - [B 398R](#) - Advanced Business Internship (1 - 3)
  - [ECON 150](#) - Economic Principles and Problems-Micro (3)
  - [ECON 151](#) - Economic Principles and Problems-Macro (3)
  - [MATH 221A](#) - Business Statistics (3)
- Take 1 of the following:
  - [B 499A](#) - Principles of Business Strategy (3)
  - [B 499E](#) - Business Leadership Capstone (3)
- Take 1 of the following:
  - [B 380](#) - Introduction to International Business (3)
  - [B 483](#) - Entrepreneurial Management (3)

### **IBC Courses**

9 Total Credits

- Complete all of the following
  - [B 301](#) - Financial Management (3)
  - [B 321](#) - Organizational Effectiveness (3)
  - [B 341](#) - Marketing Management (3)

### **Required Emphasis**

12 Total Credits

- Take 12 credit(s) from 1 Emphasis option listed below.

## *Entrepreneurial Management EMPHASIS/CONCENTRATION DESCRIPTION*

---

A group of courses through which students specialize in Entrepreneurial Management.

EMPHASIS/CONCENTRATION CODE: 171

### PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C-
- It is recommended that students complete B 320 to fulfill their Advanced Writing requirement.

## ENTREPRENEURIAL EMPHASIS COURSE REQUIREMENTS

---

### Core Courses

12 Total Credits

- Complete all of the following
  - Complete all of the following
    - Take the following:
      - [B 183](#) - Introduction to Entrepreneurship (3)
      - [B 283](#) - Small Business Creation (3)
      - [B 383](#) - Launching New Ventures (3)
  - Take 3 credit(s) from:
    - [B 250](#) - Web Business Creation (3)
    - [B 374](#) - Social Innovation (3)
    - [B 475](#) - Financing New Ventures (3)

**Grand Total Credits: 12**

## *Finance EMPHASIS/CONCENTRATION DESCRIPTION*

---

A group of courses through which students specialize in Finance.

EMPHASIS/CONCENTRATION CODE: 096

### PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C-
- It is recommended that students complete B 320 to fulfill their Advanced Writing requirement.

## FINANCE PROGRAM COURSE REQUIREMENTS

---

### Finance Courses

8 Total Credits

- Take the following:
  - [B 401](#) - Advanced Financial Management (3)
  - [B 410](#) - Investments (3)
  - [B 428](#) - Real Estate and Financial Management (1)
  - [B 433](#) - Personal Finance (1)

### **Finance Modules**

4 Total Credits

- Complete all of the following

#### **New Venture Financing**

- Take the following:
  - [B 424D](#) - Legal Aspects Finance-New Venture (1)
  - [B 475](#) - Financing New Ventures (3)

**Grand Total Credits: 12**

### **General Elective Credits**

26 Total Credits

- Take 26 credit(s) from any eligible University credits.

**Grand Total Credits: 120 - 124**

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# Computer related certificates and degrees

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## Computer-Aided Design and Drafting (Certificate)

---

### PROGRAM DESCRIPTION

This certificate provides students with a basic understanding of Computer-aided Design and Drafting.

PROGRAM CODE: C121

### PROGRAM NOTES

Grade of C- or higher required in all Certificate Courses

Math 110X (College Algebra) is required for the certificate

Domestic students will need to complete one of these pre-requisites:

Math 101 with a B or higher OR

ACT score of 23 OR

SAT score of 540 OR

ALEKS score (\$25 fee) of 53 (recommended for US/CANADA students if they do not have ACT/SAT scores). This can be taken online.

International students –Contact Pathway advising Coordinator to enroll in Practice Sets/Assessment in place of ALEKS.

Recommended Sequencing:

Semester 1: ME 172 and Math 110X

Semester 2: ME 272

Semester 3: ME 142 and ME 162

### *PROGRAM COURSE REQUIREMENTS*

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#### **Core Courses**

15 Total Credits

- Take the following:

- [MATH 110X](#) - College Algebra (3)
  - [ME 142](#) - Engineering Computation I (3)
  - [ME 162](#) - Computer-Aided Draft and Design (3)
  - [ME 172](#) - Parametric Mechanical CAD (3)
  - [ME 272](#) - Mechanical CADD and GD&T (3)
- 

**Grand Total Credits: 15**

# Computer Information Technology (Certificate)

---

## PROGRAM DESCRIPTION

This certificate provides students with a basic understanding of the fundamentals of information technology.

PROGRAM CODE: C108

## PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses

Recommended Sequencing:

Semester 1: CIT 110 and CIT 160

Semester 2: CIT 111 and CIT 240

Semester 3: CIT 230 and/or CIT 260

## *PROGRAM COURSE REQUIREMENTS*

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### Core Courses

15 Total Credits

- Take 5 of the following:
    - [CIT 110](#) - Introduction to Excel (3)
    - [CIT 111](#) - Introduction to Databases (3)
    - [CIT 160](#) - Introduction to Programming (3)
    - [CIT 230](#) - Web Frontend Development (3)
    - [CIT 240](#) - Networking (3)
    - [CIT 260](#) - Object Oriented Programming (3)
- 

**Grand Total Credits: 15**

# Data Analytics (Certificate)

---

## PROGRAM DESCRIPTION

This certificate provides students with a basic understanding of Data Analytics.

PROGRAM CODE: C117

#### PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses
- This certificate is designed to provide Data Analytics skills to Online and Pathway students and for those interested in continuing in the CIT degrees.

Recommended Sequencing:

Semester 1: ACCTG180 and CIT110

Semester 2: CIT111 and MATH221A

Semester 3: CIT381

### *PROGRAM COURSE REQUIREMENTS*

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#### Required Courses

15 Total Credits

- Take the following:
  - [ACCTG 180](#) - Survey of Accounting (3)
  - [CIT 110](#) - Introduction to Excel (3)
  - [CIT 111](#) - Introduction to Databases (3)
  - [CIT 381](#) - Business Intel and Analytics (3)
  - [MATH 221A](#) - Business Statistics (3)

---

**Grand Total Credits: 15**

## Programming - Computer Information Systems (Certificate)

---

#### PROGRAM DESCRIPTION

This certificate provides students with a basic understanding of Programming.

PROGRAM CODE: C122

#### PROGRAM NOTES

- This certificate is designed to provide programming skills to Online and Pathway students and for those interested in continuing on to the CIT degrees.
- Grade of C- or higher required in all certificate courses.

Recommended Sequencing:

Semester 1: CIT160

Semester 2: CS124 (substitute for CS101) and CIT261

Semester 3: CIT260 and CIT301C

## ***PROGRAM COURSE REQUIREMENTS***

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### **Core Courses**

14 - 15 Total Credits

- Take 5 of the following:
  - [CIT 160](#) - Introduction to Programming (3)
  - [CIT 230](#) - Web Frontend Development (3)
  - [CIT 260](#) - Object Oriented Programming (3)
  - [CIT 360](#) - Object Oriented Development (3)
  - [CIT 365](#) - .NET Software Development (3)
  - [CIT 366](#) - Full Web Stack Development (3)
  - [CS 124](#) - Introduction to Software Development (3)

---

**Grand Total Credits: 14 - 15**

# **System Administration (Certificate)**

---

## **PROGRAM DESCRIPTION**

This certificate provides students with a basic understanding of System Administration.

**PROGRAM CODE: C115**

## **PROGRAM NOTES**

- Grade of C- or higher required in all Certificate Courses
- This certificate is designed to provide Systems Administration skills to Online and Pathway students and for those who are interested in pursuing CIT degrees.

Recommended Sequencing:

Semester 1: CIT240 and CIT270

Semester 2: CIT241, CIT352, and CIT353

## ***PROGRAM COURSE REQUIREMENTS***

---

### **Required Courses**

15 Total Credits

- Take the following:

- [CIT 240](#) - Networking (3)
  - [CIT 241](#) - Network Design I (3)
  - [CIT 270](#) - Systems Security I (3)
  - [CIT 352](#) - Operating Systems I (3)
  - [CIT 353](#) - Operating Systems II (3)
- 

**Grand Total Credits: 15**

## Programming - Computer Science (Certificate)

---

### PROGRAM DESCRIPTION

This certificate provides students with an understanding of how to design and develop programs in a variety of computer languages and for those interested in continuing on in the Computer Science and Software Engineering degrees.

PROGRAM CODE: C118

### PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses

Recommended Sequencing:

First Semester: CS 124

Second Semester: CS 165

Third Semester: CS 213, CS 235 and CS 246

### *PROGRAM COURSE REQUIREMENTS*

---

#### Core Courses

15 Total Credits

- Take the following:
    - [CS 124](#) - Introduction to Software Development (3)
    - [CS 165](#) - Object-Oriented Software Development (3)
    - [CS 213](#) - Web Engineering I (3)
    - [CS 235](#) - Data Structures (3)
    - [CS 246](#) - Software Design and Development (3)
- 

**Grand Total Credits: 15**

## Web Media (Certificate)

---

### PROGRAM DESCRIPTION



This certificate provides students with a basic understanding of the fundamentals of web media and for those students who are interested in continuing in the Web Design and Development degree.

PROGRAM CODE: C103

PROGRAM NOTES

- Grade of C- or higher required in all Certificate Courses

Recommended Sequencing:

Semester 1: WDD 100 and ART 130

Semester 2: CIT 160 and B 250

Semester 3: COMM 130 and/or CIT 230

## ***PROGRAM COURSE REQUIREMENTS***

---

### **Required Courses**

13 - 15 Total Credits

- Take 5 of the following:
  - [ART 130](#) - Introduction to Graphic Design (3)
  - [B 250](#) - Web Business Creation (3)
  - [CIT 160](#) - Introduction to Programming (3)
  - [CIT 230](#) - Web Frontend Development (3)
  - [COMM 130](#) - Visual Media (3)
  - [WDD 100](#) - Introduction to Web Design and Development (1)

---

**Grand Total Credits: 13 - 15**

# **Web Frontend Development (Certificate)**

---

## **PROGRAM DESCRIPTION**

Provide Web Frontend Development skills to Online and Pathway students.

PROGRAM CODE: C113

PROGRAM NOTES

- This certificate is designed to provide web frontend development skills to Online and Pathway students and for those interested in pursuing Web Development.
- Grade of C- or higher required in all certificate courses.

Recommended Sequencing:

Semester 1: WDD100 and ART130  
Semester 2: CIT230 and COMM125 or COMM130 (if a WDD major)  
Semester 3: COMM310 and CIT301B

## *PROGRAM COURSE REQUIREMENTS*

---

### **Core Courses**

15 Total Credits

- Take the following:
  - [CIT 160](#) - Introduction to Programming (3)
  - [CIT 230](#) - Web Frontend Development (3)
  - [COMM 130](#) - Visual Media (3)
  - [COMM 310](#) - Creating Online Media (3)
  - [WDD 100](#) - Introduction to Web Design and Development (1)
  - [WDD 331](#) - Advanced CSS (2)

**Grand Total Credits: 15**

# Web Backend Development (Certificate)

---

## PROGRAM DESCRIPTION

Provide Web Backend Development skills to Online and Pathway students.

PROGRAM CODE: C114

## PROGRAM NOTES

- This certificate is designed to provide web backend development skills to Online and Pathway students and for those interested in pursuing a Web Development degree.
- Grade of C- or higher required in all certificate courses.

Recommended Sequencing:

Semester 1: CIT160 and CIT230  
Semester 2: CIT261 and CIT336  
Semester 3: CIT301C

## *PROGRAM COURSE REQUIREMENTS*

---

### **Core Courses**

15Total Credits

- Take 5 of the following:
    - [CIT 160](#) - Introduction to Programming (3)
    - [CIT 230](#) - Web Frontend Development (3)
    - [CIT 260](#) - Object Oriented Programming (3)
    - [CIT 261](#) - Mobile Application Development (3)
    - [CIT 336](#) - Web Backend Development (3)
    - [CIT 365](#) - .NET Software Development (3)
- 

**Grand Total Credits: 15**

# Computer Information Systems (Major: Associate-Level)

---

## PROGRAM DESCRIPTION

An applied associates degree that students can earn by completing three certificates in information technology.

PROGRAM CODE: 375

DEGREE: Associate of Applied Science (AAS)

DEPARTMENT: Department of Computer Information Technology

## PROGRAM NOTES

- No grade less than C- in major courses
- If a class is used in more than one certificate, add any BYU-Idaho course to meet the 45 credit requirement

## *PROGRAM COURSE REQUIREMENTS*

---

### **Foundations**

17 Total Credits

- Take at least 17 credit(s) to complete one of the following programs: [FND - AAS](#)

### **Certificates**

45 Total Credits

- Complete all of the following
    - Complete three certificates from the choices below totaling 45 credits.
    - Take at least 45 credit(s) to complete 3 of the following programs: [C108](#), [C113](#), [C114](#), [C115](#), [C116](#), [C117](#), or [C122](#)
- 

**Grand Total Credits: 62**

# Computer Programming (Major: Associate-Level)

---

## PROGRAM DESCRIPTION

The A.A.S. in Computer Programming provides a solid foundation in both the breadth and depth of computer programming. This includes knowledge and skills in several programming languages as well as the principles and practices of software development. Students will be taught problem solving skills that will allow them to debug and correct software system errors. The primary target audience for this degree is Pathway and online degree students.

PROGRAM CODE: 385

DEGREE: Associate of Applied Science (AAS)

DEPARTMENT: Department of Computer Science and Electrical Engineering

## PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C- in Major Courses

## *PROGRAM COURSE REQUIREMENTS*

---

### Foundations

17 Total Credits

- Take at least 17 credit(s) to complete one of the following programs: [FND - AAS](#)

### Core Courses

31 Total Credits

- Complete all of the following
  - Take the following:
    - [CS 124](#) - Introduction to Software Development (3)
    - [CS 165](#) - Object-Oriented Software Development (3)
    - [CS 235](#) - Data Structures (3)
    - [ECEN 160](#) - Fundamentals of Digital Systems (3)
  - Take the following:
    - [CS 213](#) - Web Engineering I (3)
    - [CS 246](#) - Software Design and Development (3)
    - [CS 308](#) - Technical Communication (3)
    - [CS 313](#) - Web Engineering II (3)
    - [CS 364](#) - Software Engineering I (4)
    - [CS 371](#) - Human-Computer Interaction (3)

### Elective Major Credits

11 Total Credits

- Take 11 credit(s) from:
  - [CIT 225](#) - Database Design & Development (3)
  - [CIT 261](#) - Mobile Application Development (3)
  - [CIT 270](#) - Systems Security I (3)
  - [CIT 380](#) - Project Management (3)
  - [CS 416](#) - Software Engineering II (2)
  - [CS 432](#) - Software Engineering III (3)
  - [CS 470](#) - Computer Security (3)

### General Elective Credits

1 Total Credits

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

**Grand Total Credits: 60**

# Computer Information Technology (Major: Bachelor-Level)

---

## PROGRAM DESCRIPTION

Prepares students for careers in Computer Information Technology

PROGRAM CODE: 681

DEGREE: Bachelor of Science (BS)

## PROGRAM NOTES

- No Grade Less Than C- in Major Courses
- Please check online for course availability. Some courses are not offered every semester.

## *PROGRAM COURSE REQUIREMENTS*

---

### Foundations

40 Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

### CIT Core

41 Total Credits

- Take the following:
  - [CIT 160](#) - Introduction to Programming (3)
  - [CIT 225](#) - Database Design & Development (3)
  - [CIT 230](#) - Web Frontend Development (3)
  - [CIT 240](#) - Networking (3)
  - [CIT 241](#) - Network Design I (3)
  - [CIT 260](#) - Object Oriented Programming (3)
  - [CIT 262](#) - System Analysis and Design (3)
  - [CIT 270](#) - Systems Security I (3)
  - [CIT 325](#) - Database Programming (3)
  - [CIT 352](#) - Operating Systems I (3)
  - [CIT 353](#) - Operating Systems II (3)
  - [CIT 360](#) - Object Oriented Development (3)
  - [CIT 380](#) - Project Management (3)
  - [COMM 175](#) - Communication Essentials (2)

#### **CIT Electives**

6 Total Credits

- Take 6 credit(s) from any CIT 200 level or higher courses not used as part of CIT core.

#### **CIT Capstone**

4 Total Credits

- Complete all of the following
  - Take 1 of the following:
    - [CIT 490](#) - Senior Project (3)
    - [CIT 498](#) - Internship (3)
  - Take the following:
    - [CIT 495](#) - Senior Practicum (1)

#### **General Elective Credits**

29 Total Credits

- Take 29 credit(s) from any eligible University credits.

**Grand Total Credits: 120**

# Software Engineering (Major: Bachelor-Level)

## PROGRAM DESCRIPTION

The B.S. Software Engineering Degree is a subset of the B.S. Computer Science Degree. This program provides students with a solid foundation in both the breadth and depth of the principles and practices of software engineering as well as skills in computer programming. In this program of study, students learn and practice the industry standard approach to the design, development and implementation of complex software systems. The B.S. Software Engineering Degree is designed for students who want a strong background in software development.

PROGRAM CODE: 443

DEGREE: Bachelor of Science (BS)

PROGRAM NOTES

- No double counting of major courses.
- No grade less than C- in major courses.

## ***PROGRAM COURSE REQUIREMENTS***

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### **Foundations**

40 Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

### **Core Courses**

40 – 43 Total Credits

- Complete all of the following
  - Take the following:
    - [CS 124](#) - Introduction to Software Development (3)
    - [CS 165](#) - Object-Oriented Software Development (3)
    - [CS 235](#) - Data Structures (3)
    - [ECEN 160](#) - Fundamentals of Digital Systems (3)
  - Take the following:
    - [CS 213](#) - Web Engineering I (3)
    - [CS 246](#) - Software Design and Development (3)
    - [CS 308](#) - Technical Communication (3)
    - [CS 364](#) - Software Engineering I (4)
    - [CS 371](#) - Human-Computer Interaction (3)
    - [CS 398](#) - Internship (1 - 4)
    - [CS 416](#) - Software Engineering II (2)
    - [CS 432](#) - Software Engineering III (3)
    - [CS 470](#) - Computer Security (3)
    - [CS 499](#) - Senior Project (3)

### **Elective Major Credits**

14 Total Credits

- Take 14 credit(s) from:
  - [CS 313](#) - Web Engineering II (3)
  - [CS 345](#) - Operating Systems (3)
  - [CIT 225](#) - Database Design & Development (3)
  - [CIT 261](#) - Mobile Application Development (3)
  - [CIT 270](#) - Systems Security I (3)
  - [CIT 380](#) - Project Management (3)
  - [MATH 221A](#) - Business Statistics (3)

### General Elective Credits

26 Total Credits

- Take 26 credit(s) from any eligible University credits.

**Grand Total Credits: 120 - 123**

# Web Design and Development (Major: Associate-Level)

---

## PROGRAM DESCRIPTION

Prepares students for careers in Web Design and Development.

PROGRAM CODE: 390

DEGREE: Associate of Applied Science (AAS)

DEPARTMENT: Department of Computer Information Technology

## PROGRAM NOTES

- No Grade Less Than C- in Major Courses

## PROGRAM COURSE REQUIREMENTS

---

### Foundations

17 Total Credits

- Take at least 17 credit(s) to complete one of the following programs: [FND - AAS](#)

### Core Courses

19 Total Credits

- Take the following:
  - [B 250](#) - Web Business Creation (3)



- [CIT 160](#) - Introduction to Programming (3)
- [CIT 230](#) - Web Frontend Development (3)
- [CIT 336](#) - Web Backend Development (3)
- [COMM 130](#) - Visual Media (3)
- [COMM 310](#) - Creating Online Media (3)
- [WDD 100](#) - Introduction to Web Design and Development (1)

### Required Emphasis

24 Total Credits

- Take 24 credit(s) from one emphasis option.

**Grand Total Credits: 60**

## *WEB Design EMPHASIS/CONCENTRATION OPTIONS*

EMPHASIS/CONCENTRATION DESCRIPTION: A group of courses through which students specialize in Web Design.

EMPHASIS/CONCENTRATION CODE: 113

### PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C- in Major Courses
- Please check online website ([www.byui.edu/online](http://www.byui.edu/online)) for course availability for online sections.
- If students take Comm 497R twice, select from “After Effects” and “Final Cut.”
- 

## WEB DESIGN EMPHASIS COURSE REQUIREMENTS

### Web Emphasis Courses

24 Total Credits

- Complete all of the following
  - Take the following:
    - [ART 130](#) - Introduction to Graphic Design (3)
    - [ART 230](#) - Typography (3)
    - [ART 235](#) - Graphic Design (3)
    - [ART 337R](#) - Interaction Design (3)
  - Take 12 credit(s) from:
    - [ART 331R](#) - Information Design (3)
    - [ART 436R](#) - Motion (Linear) (3)
    - [CIT 260](#) - Object Oriented Programming (3)
    - [COMM 273](#) - Professional Presentations (3)

- [COMM 315](#) - Social Media Design (3)
- [COMM 462](#) - Advanced Visual Media (3)
- [COMM 497R](#) - Special Topics Practicum (1)

**Grand Total Credits: 24**

## Web Development Emphasis

### *Web Development EMPHASIS/CONCENTRATION*

DESCRIPTION: A group of courses through which students specialize in Web Development.

EMPHASIS/CONCENTRATION CODE:114

#### PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C- in Major Courses
- Please check online website ([www.byui.edu/online](http://www.byui.edu/online)) for course availability for online sections.

### WEB DEVELOPMENT EMPHASIS COURSE REQUIREMENTS

#### Emphasis Courses

24 Total Credits

- Complete all of the following
  - Take the following:
    - [CIT 225](#) - Database Design & Development (3)
    - [CIT 260](#) - Object Oriented Programming (3)
    - [CS 313](#) - Web Engineering II (3)
  - Take 15 credit(s) from:
    - [CIT 261](#) - Mobile Application Development (3)
    - [CIT 262](#) - System Analysis and Design (3)
    - [CIT 365](#) - .NET Software Development (3) (currently CIT 301C)
    - [CIT 366](#) - Full Web Stack Development (3) (currently not available online)
    - [CS 308](#) - Technical Communication (3)
    - [CS 364](#) - Software Engineering I (4)
    - [WDD 331](#) - Advanced CSS (2) (currently called CIT 301B)

**Grand Total Credits: 24**

# Web Design and Development (Major: Bachelor-Level)

---

## PROGRAM DESCRIPTION

The internet and emerging technology have transformed many areas of our lives including business, entertainment, education, and the Church's reach to members and non-members alike around the world. Within industry, there is a great need for professionals who can effectively use the latest technologies to design and develop professional, interactive web sites.

PROGRAM CODE: 590

DEGREE: Bachelor of Science (BS)

## *PROGRAM COURSE REQUIREMENTS*

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### **Foundations**

40 Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

### **Core Courses**

27 Total Credits

- Take the following:
  - [B 250](#) - Web Business Creation (3)
  - [CIT 160](#) - Introduction to Programming (3)
  - [CIT 230](#) - Web Frontend Development (3)
  - [CIT 336](#) - Web Backend Development (3)
  - [COMM 130](#) - Visual Media (3)
  - [COMM 310](#) - Creating Online Media (3)
  - [CS 371](#) - Human-Computer Interaction (3)
  - [WDD 100](#) - Introduction to Web Design and Development (1)
  - [WDD 398](#) - Internship (3)
  - [WDD 499](#) - Capstone (2)

### **Required Emphasis**

27 Total Credits

- Take 27 credit(s) from 1 Emphasis option listed below.

## *Web Design EMPHASIS/CONCENTRATION DESCRIPTION*

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A group of courses through which students specialize in Web Design.

EMPHASIS/CONCENTRATION CODE: 110

#### PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C- in Major Courses
- Please check online website ([www.byui.edu/online](http://www.byui.edu/online)) for course availability for online sections.

\*Students may choose three different COMM 397R/497R one credit practicum courses to total three credits.

### WEB DESIGN EMPHASIS COURSE REQUIREMENTS

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#### Emphasis Courses

25 Total Credits

- Complete all of the following
  - Take the following:
    - [ART 130](#) - Introduction to Graphic Design (3)
    - [ART 230](#) - Typography (3)
    - [ART 235](#) - Graphic Design (3)
    - [ART 337R](#) - Interaction Design (3)
  - Take these 5 classes:
    - [ART 331R](#) - Information Design (3)
    - [CIT 260](#) - Object Oriented Programming (3)
    - [COMM 273](#) - Professional Presentations (3)
    - [COMM 315](#) - Social Media Design (3)
    - [COMM 497R](#) - Special Topics Practicum (1)

**Grand Total Credits: 25**

### *Web Development EMPHASIS/CONCENTRATION DESCRIPTION*

---

A group of courses through which students specialize in Web Development.

EMPHASIS/CONCENTRATION CODE: 111

#### PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C- in Major Courses
- Please check online website ([www.byui.edu/online](http://www.byui.edu/online)) for course availability for online sections.

### PROGRAM COURSE REQUIREMENTS

---

#### Emphasis Courses

## 27 Total Credits

- Complete all of the following
  - Take the following:
    - [CIT 260](#) - Object Oriented Programming (3)
  - Take 24 credit(s) from:
    - [CIT 225](#) - Database Design & Development (3)
    - [CIT 261](#) - Mobile Application Development (3)
    - [CIT 262](#) - System Analysis and Design (3)
    - [CIT 270](#) - Systems Security I (3)
    - [COMM 315](#) - Social Media Design (3)
    - [CS 308](#) - Technical Communication (3)
    - [CS 313](#) - Web Engineering II (3)
    - [CS 364](#) - Software Engineering I (4)

## Grand Total Credits: 27

## General Elective Credits

### 26 Total Credits

- Take 26 credit(s) from any eligible University credits.

## Grand Total Credits: 120

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# Marriage and Family Studies certificates and degrees

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## Home and Family Studies (Certificate)

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### PROGRAM DESCRIPTION

This certificate provides students with a basic understanding and training in home and family studies' principles and practices.

PROGRAM CODE : C104

### PROGRAM NOTES

- No Grade Less Than C- for Certificate Courses
- Certificate offered online

Recommended Sequencing:

First Semester: FAML 100 and FAML 160

Second Semester: CHILD 210 and FAML 220

Third Semester: FAML 300

### *PROGRAM COURSE REQUIREMENTS*

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#### **Required Courses**

6 Total Credits

- Take the following:
  - [CHILD 210](#) - Child Development (3)
  - [FAML 100](#) - The Family (3)

#### **Supplemental Courses**

9 Total Credits

- Take 3 of the following:
    - [FAML 160](#) - Family Relations (3)
-

- [FAML 220](#) - Parenting (3)
- [FAML 300](#) - Marriage (3)

---

**Grand Total Credits: 15**

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

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## PROGRAM DESCRIPTION

The Department of Home and Family at BYU-Idaho provides a holistic approach to the study of home and family. Marriage and Family Studies prepares students for careers in family life education, human services work, advocacy groups, nonprofit organizations, youth services, and assists students for advanced graduate study. Academic preparation includes study in marriage and family relationships, family theory, family communication, parenting, professional helping skills, home management, and research methods.

PROGRAM CODE: 736

DEGREE: Bachelor of Science (BS)

## PROGRAM NOTES

- No Double Counting of Major, Minor or Cluster Courses
- No Grade Less Than C- in Major Courses

## *PROGRAM COURSE REQUIREMENTS*

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### **Foundations**

40 Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

### **Core Courses**

35 – 38 Total Credits

- Complete all of the following
  - Take the following:
    - [FAML 150](#) - Introduction to Marriage & Family Studies (1)
    - [FAML 160](#) - Family Relations (3)
    - [FAML 220](#) - Parenting (3)
    - [FAML 300](#) - Marriage (3)
    - [FCS 340](#) - Money Management (3)
  - Take the following:
    - [FAML 360](#) - Family Stress and Coping (3)

- [FAML 400](#) - Family Theories and Dynamics (3)
- [FAML 430](#) - Family and Community Relationships (3)
- [FAML 445](#) - Family Practicum (4)
- [FAML 460](#) - Child and Family Advocacy (3)
- [PSYCH 201](#) - Developmental Psychology Lifespan (3)
- [MATH 221C](#) - Social Science Statistics (3)

- Take 14 credit(s) from:

- [CHILD 300](#) - Infant and Toddler Development (3)
- [CHILD 310](#) - Early and Middle Development (3)
- [CHILD 320](#) - Adolescent Development (3)
- [COMM 175](#) - Communication Essentials (2)
- [COMM 273](#) - Professional Presentations (3)
- [COMM 352](#) - Persuasion (3)
- [COMM 450](#) - Conflict Management and Negotiation (3)
- [FAML 100](#) - The Family (3)
- [FAML 200](#) - Preparation for Marriage (2)
- [FCS 101](#) - Introduction to Family and Consumer Science (2)
- [PSYCH 111](#) - General Psychology (3)
- [SOC 311](#) - Sociology of the Family (3)
- [SW 260](#) - Introduction to Social Work (3)

## Internship

2 – 4 Total Credits

- Take 1 of the following:
  - [FAML 498R](#) - Internship (2 - 4)

## General Elective Credits

25 Total Credits

- Take 25 credit(s) from any eligible University credits.

**Grand Total Credits: 120 - 125**



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# Health degrees

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## Healthcare Administration (Major: Bachelor-Level)

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### PROGRAM DESCRIPTION

The healthcare administration major prepares students (a) to directly enter the workforce as administrator/managers of healthcare facilities such as medical group practice, urgent care center, long-term care facilities, department-level positions or (b) to enter graduate level studies in hospitals, ambulatory surgery centers, skilled nursing facilities, health insurance companies, etc. This degree is also a solid path for those seeking to pursue a master's degree in healthcare administration or business management.

PROGRAM CODE: 752

DEGREE: Bachelor of Science (BS)

### PROGRAM NOTES

- No Double Counting of Major Courses

\*Students who major in Healthcare Administration and are planning to pursue graduate-level studies, are encouraged to take the following elective courses: COMM 273; ECON 300; ECON 365: (Required for ASU Expedited Degree Program – see Instructor). Please note that ECON 300 and ECON 365 are not offered online.

### *PROGRAM COURSE REQUIREMENTS*

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#### **Foundations**

40Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

#### **Introductory Module**

20Total Credits

- Take the following:
  - [BIO 230](#) - Human Biology (4)
  - [HS 280](#) - Medical Terminology (2)
  - [HS 285](#) - Hospital and Health Administration (3)
  - [HS 370](#) - Epidemiology (3)
  - [MA 106](#) - Medical Law and Ethics (2)

- [MATH 221B](#) - Biostatistics (3)
- [ECON 150](#) - Economic Principles and Problems-Micro (3)

### Healthcare Administration Core

26 Total Credits

- Take the following:
  - [B 320](#) - Advanced Writing in Professional Contexts (3)
  - [CIT 380](#) - Project Management (3)
  - [ECON 365](#) - Health Economics (3)
  - [HS 345](#) - Healthcare Finance (3)
  - [HS 375](#) - Managing Healthcare Provider Organizations (3)
  - [HS 378](#) - Healthcare Strategy (3)
  - [HS 391](#) - Research Methods and Program Evaluation (2)
  - [HS 425](#) - Manage Technology in Health Care Provider Organizations (3)
  - [HS 465](#) - Healthcare Insurance Industry (3)

### Business Module

16 - 18 Total Credits

- Complete all of the following
  - Take the following:
    - [B 211](#) - Business Fundamentals (3)
    - [B 301](#) - Financial Management (3)
    - [B 361](#) - Production and Operations Management (3)
    - [B 370](#) - Human Resource Management (3)
  - Take 1 of the following:
    - [ACCTG 180](#) - Survey of Accounting (3)
    - [ACCTG 201](#) - Financial Accounting (3)
  - Take the following:
    - [HS 498](#) - Internship (1 - 3)

### General Elective Credits

18 Total Credits

- Take 18 credit(s) from any eligible University credits.

**Grand Total Credits: 120 – 122**

# Public Health (Major: Bachelor-Level)

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## Health Education and Promotion EMPHASIS 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: 751-203

DEGREE: Bachelor of Science (BS)

## PROGRAM NOTES

- No Double Counting of Major Courses
- No Grade Less Than C-
- It is strongly advised that students complete the Introductory Module classes before enrolling in other classes that are part of the Health Education and Promotion Emphasis.
- This emphasis is for Public Health and does not meet the requirements for K-12 certification.

## *PROGRAM COURSE REQUIREMENTS*

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### **Foundations**

40Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

### **Introductory Module**

12 - 13Total Credits

- Complete all of the following
  - Take the following:
    - [HS 240](#) - Introduction to Community Health (2)
    - [HS 280](#) - Medical Terminology (2)
    - [HS 285](#) - Hospital and Health Administration (3)

- [NUTR 150](#) - Essentials of Human Nutrition (3)
- Take the following:
  - [HRHP 131](#) - Personal Health and Fitness (2)

### Science Module

13 Total Credits

- Take 13 credit(s) from:
  - [BIO 264](#) - Human Anatomy & Physiology I (3)
  - [BIO 264L](#) - Human Anatomy & Physiology I Lab (1)
  - [HS 310](#) - Environmental Health (3)
  - [HS 370](#) - Epidemiology (3)
  - [MATH 221B](#) - Biostatistics (3)

### Public Health Module

13 - 15 Total Credits

- Take the following:
  - [HS 320](#) - Communicable and Non-Communicable Diseases (3)
  - [HS 390](#) - Program Planning/Implementation (3)
  - [HS 391](#) - Research Methods and Program Evaluation (2)
  - [HS 401](#) - Community Health Methods (2)
  - [HS 420](#) - Health Behavior Theories and Models (2)
  - [HS 498](#) - Internship (1 - 3)

### Health Education and Promotion Emphasis Module

14 Total Credits

- Take 14 credit(s) from:
  - [ESS 375](#) - Exercise Physiology (3)
  - [HS 460](#) - Drugs of Use and Abuse (3)
  - [HS 472](#) - Health Communications (3)
  - [HS 480](#) - International Health (3)
  - [NUTR 200](#) - Nutrient Metabolism (3)
  - [PSYCH 111](#) - General Psychology (3)
  - [SOC 111](#) - Introduction to Sociology (3)

### Grand Total Credits: 14

### General Elective Credits

28 Total Credits

- Take 28 credit(s) from any eligible University credits.

### Grand Total Credits: 120 – 123

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# Interdisciplinary Studies and University Studies degree information

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## Interdisciplinary Studies (Major: Bachelor-Level)

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### PROGRAM DESCRIPTION

The Bachelor of Interdisciplinary Studies is designed for students who wish to obtain an educational experience that bridges two or more disciplines (a discipline is a subject such as Math, Business, Art, or English). The Interdisciplinary Studies degree allows students to design a program that will help to prepare them for their particular career goals based on their interests and aspirations, while allowing them the opportunity to have multiple areas of focus making them a desirable candidate to employers.

PROGRAM CODE: 795

DEGREE: Bachelor of Interdisciplinary Studies (BIS)

### PROGRAM NOTES

- Must have 15 upper division (300 and 400 level) credits taken at BYU-Idaho.
- Must have 30 minimum credits taken from BYU-Idaho.
- No Double Counting of Major Courses.
- Degree elements cannot exceed 60 total credits.

### *PROGRAM COURSE REQUIREMENTS*

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#### **Foundations**

40Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

#### **Complete 1 Option**

80Total Credits

- Complete 1 of the following
  - Complete all of the following
    - Take 60 credit(s) from
 

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 2 concentrations (30-36 credits each)
    - Take 20 credit(s) from any Eligible Elective Credits (less than 20 credits may be required depending on the Concentrations completed)
 

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  - Complete all of the following
    - Take 30 credit(s) from
 

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 1 concentration (30-36 credits)
    - Take 20 credit(s) from
 

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 1 minor (20-24 credits)
    - Take 30 credit(s) from any Eligible Elective Credits (less than 30 credits may be required depending on the Concentration and Minor completed)
 

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  - Complete all of the following
    - Take 30 credit(s) from
 

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 1 concentration (30-36 credits)
    - Take 24 credit(s) from
 

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 2 certificates and/or clusters (12-15 credits each)
    - Take 26 credit(s) from any Eligible Elective Credits (less than 26 credits may be required depending on the Concentration and Certificates/Clusters completed)
 

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**Grand Total Credits: 120**

## Concentrations

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### *Administrative Assistant EMPHASIS/CONCENTRATION DESCRIPTION*

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A group of courses (30-36 credits) allowing focused learning development in Admin/Office Management; a concentration is the primary element of an interdisciplinary degree.

EMPHASIS/CONCENTRATION CODE: D144

PROGRAM NOTES

- No Double Counting of Concentration Courses
- No Grade Less Than C- for Concentration Courses
- It is recommended that students complete B 320 to fulfill their Advanced Writing requirement.

## ADMINISTRATIVE ASSISTANT/OFFICE MANAGER CONCENTRATION COURSE REQUIREMENTS

### Core Courses

12 Total Credits

- Take the following:
  - [B 129](#) - Office Procedures (3)
  - [B 240](#) - Word Processing I (3)
  - [B 241](#) - Word Processing II (3)
  - [CIT 110](#) - Introduction to Excel (3)

### Supplemental Courses

20 Total Credits

- Complete all of the following
  - Take 3 credit(s) from:
    - [B 370](#) - Human Resource Management (3)
    - [COMM 310](#) - Creating Online Media (3)
  - Take 17 credit(s) from:
    - [ACCTG 180](#) - Survey of Accounting (3)
    - [ACCTG 205](#) - Accounting Software (2)
    - [B 201](#) - Introduction to Finance (3)
    - [B 211](#) - Business Fundamentals (3)
    - [B 250](#) - Web Business Creation (3)
    - [B 283](#) - Small Business Creation (3)
    - [CIT 230](#) - Web Frontend Development (3)
    - [COMM 130 - Visual Media \(3\)](#): Prerequisite CIT 160 not offered as part of degree.
    - [COMM 175](#) - Communication Essentials (2)

### Interdisciplinary Courses

3 - 5 Total Credits

- Take the following:
  - [IDS 398R](#) - Interdisciplinary Internship (1 - 3)
  - [IDS 499](#) - Interdisciplinary Capstone (2)

**Grand Total Credits: 35 – 37**

## ***Business Management EMPHASIS/CONCENTRATION DESCRIPTION***

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A group of courses (30-36 credits) allowing focused learning development in Business Management; a concentration is the primary element of an interdisciplinary degree.

EMPHASIS/CONCENTRATION CODE: D128

### **PROGRAM NOTES**

- No Double Counting of Concentration Courses
- No Grade Less Than C- for Concentration Courses
- \*\*IDS 398R needs to be taken for 2 credits.
- 

## **BUSINESS MANAGEMENT CONCENTRATION PROGRAM COURSE REQUIREMENTS**

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### **Core Courses**

21 Total Credits

- Complete all of the following
  - Take the following:
    - [B 211](#) - Business Fundamentals (3)
    - [B 215](#) - Spreadsheet Analysis for Business (3)
    - [B 361](#) - Production and Operations Management (3)
  - Take 1 of the following:
    - [ACCTG 180](#) - Survey of Accounting (3)
    - [ACCTG 201](#) - Financial Accounting (3)
  - Take 1 of the following:
    - [MATH 221A](#) - Business Statistics (3)
    - [MATH 221B](#) - Biostatistics (3)
    - [MATH 221C](#) - Social Science Statistics (3)
  - Take 1 of the following:
    - [B 380](#) - Introduction to International Business (3)
    - [B 483](#) - Entrepreneurial Management (3)
  - Take 1 of the following:
    - [B 499A](#) - Principles of Business Strategy (3)
    - [B 499E](#) - Business Leadership Capstone (3)

### **Interdisciplinary Courses**

3 - 5 Total Credits

- Take the following:
  - [IDS 398R](#) - Interdisciplinary Internship (1 - 3)
  - [IDS 499](#) - Interdisciplinary Capstone (2)

### **IBC Courses**

9 Total Credits



- Take the following:
  - [B 301](#) - Financial Management (3)
  - [B 321](#) - Organizational Effectiveness (3)
  - [B 341](#) - Marketing Management (3)

**Grand Total Credits: 33 – 35**

## *Computer information Technology EMPHASIS/CONCENTRATION DESCRIPTION*

A group of courses (30-36 credits) allowing focused learning development in Computer Information Technology; a concentration is the primary element of an interdisciplinary degree.

EMPHASIS/CONCENTRATION CODE: D122

### PROGRAM NOTES

- •No Double Counting of Concentration Courses
- •No Grade Less Than C- for Minor Courses

## COMPUTER INFORMATION TECHNOLOGY CONCENTRATION COURSE REQUIREMENTS

### Required Courses

30Total Credits

- Take the following:
  - [CIT 110](#) - Introduction to Excel (3)
  - [CIT 111](#) - Introduction to Databases (3)
  - [CIT 160](#) - Introduction to Programming (3)
  - [CIT 230](#) - Web Frontend Development (3)
  - [CIT 240](#) - Networking (3)
  - [CIT 261](#) - Mobile Application Development (3)
  - [CIT 270](#) - Systems Security I (3)
  - [CIT 336](#) - Web Backend Development (3)
  - [CIT 380](#) - Project Management (3)
  - [CIT 381](#) - Business Intel and Analytics (3)

### Interdisciplinary Courses

3 - 5 Total Credits

- Take the following:
  - [IDS 398R](#) - Interdisciplinary Internship (1 - 3)
  - [IDS 499](#) - Interdisciplinary Capstone (2)

**Grand Total Credits: 33 – 35**

## *Family History Research EMPHASIS/CONCENTRATION DESCRIPTION*

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A group of courses (36-38 credits) through which students specialize in Family History Research. This is a rigorous program designed for the student who wishes to enter the job market as a professional genealogical researcher, but can also benefit students conducting in-depth personal research. The program provides a strong background in genealogical methodology, emphasizing practical research, evidence analysis, report writing, and instruction on starting a small business. In a capstone course, students learn about the process of obtaining professional credentials through the Board for Certification of Genealogists and the International Commission for the Accreditation of Professional Genealogists.

EMPHASIS/CONCENTRATION CODE: D151

### PROGRAM NOTES

- No Double Counting of Concentration Courses
- No Grade Less Than C- in Concentration Courses
- It is recommended that students take FDREL 261 while fulfilling the FDREL requirement.
- It is recommended that students with business-related career goals take FHGEN 270 as an elective.
- The FHGEN 251 and 252 courses must be selected with the same letter designation.

## **FAMILY HISTORY RESEARCH CONCENTRATION COURSE REQUIREMENTS**

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### **Core Courses**

27 Total Credits

- Take the following:
  - [FHGEN 111](#) - Introduction to Family History Research, Part One: Record Groups and Methodology (3)
  - [FHGEN 112](#) - Introduction to Family History Research, Part Two: Analysis of Research Evidence (3)
  - [FHGEN 120](#) - Internet and Computer Skills (3)
  - [FHGEN 130](#) - Paleography (3)
  - [FHGEN 140](#) - Genealogical Writing (3)
  - [FHGEN 160](#) - The Family and Society (3)
  - [FHGEN 211](#) - Research Methodology, Part 1 (3)
  - [FHGEN 212](#) - Research Methodology, Part 2 (3)
  - [FHGEN 399](#) - Capstone: Professional Research (3)

### **Supplemental Courses**

6 Total Credits

- Choose and complete one of the following research areas:
  - U.S Region:
    - [FHGEN 251A](#) - Geographic Specialization Course 1: US Regions Research, Part One (3)

- [FHGEN 252A](#) - Geographic Specialization Course 2: US Regions Research, Part Two (3)
- British Isles Region:
  - [FHGEN 251B](#) - Geographic Specialization Course 1: British Isles Research, Part One (3)
  - [FHGEN 252B](#) - Geographic Specialization Course 2: British Isles Research, Part Two (3)
- German Region:
  - [FHGEN 251C](#) - Geographic Specialization Course 1: German Research, Part One (3)
  - [FHGEN 252C](#) - Geographic Specialization Course 2: German Research, Part Two (3)
- Scandinavian Region:
  - [FHGEN 251D](#) - Geographic Specialization Course 1: Scandinavian Research, Part One (3)
  - [FHGEN 252D](#) - Geographic Specialization Course 2: Scandinavian Research, Part Two (3)

### Interdisciplinary Courses

3 - 5 Total Credits

- Take the following:
  - [IDS 398R](#) - Interdisciplinary Internship (1 - 3)
  - [IDS 499](#) - Interdisciplinary Capstone (2)

**Grand Total Credits: 36 – 38**

## *Health Promotion EMPHASIS/CONCENTRATION DESCRIPTION*

A group of courses (30-36 credits) allowing focused learning development in Health Promotion; a concentration is the primary element of an interdisciplinary degree.

EMPHASIS/CONCENTRATION CODE: D141

### PROGRAM NOTES

- No Double Counting of Concentration Courses
- No Grade Less Than C- for Concentration Courses
- 

## HEALTH PROMOTION CONCENTRATION COURSE REQUIREMENTS

### Core Courses

32 – 34 Total Credits

- Complete all of the following
  - Take the following:
    - [BIO 264](#) - Human Anatomy & Physiology I (3)

- [BIO 264L](#) - Human Anatomy & Physiology I Lab (1)
- [MATH 221B](#) - Biostatistics (3)
- [HS 240](#) - Introduction to Community Health (2)
- [HS 280](#) - Medical Terminology (2)
- Take 1 of the following:
  - [HRHP 131](#) - Personal Health and Fitness (2)
- Take the following:
  - [BIO 265](#) - Human Anatomy & Physiology II (3)
  - [BIO 265L](#) - Human Anatomy & Physiology II Lab (1)
  - [HS 320](#) - Communicable and Non-Communicable Diseases (3)
  - [HS 370](#) - Epidemiology (3)
  - [HS 390](#) - Program Planning/Implementation (3)
  - [HS 391](#) - Research Methods and Program Evaluation (2)
  - [HS 420](#) - Health Behavior Theories and Models (2)
- Take 1 of the following:
  - [HS 401](#) - Community Health Methods (2)
  - [NUTR 150](#) - Essentials of Human Nutrition (3)
  - [HS 460](#) - Drugs of Use and Abuse (3)
  - [HS 480](#) - International Health (3)

### Interdisciplinary Courses

3 Total Credits

- Take 3 credit(s) from:
  - [IDS 398R](#) - Interdisciplinary Internship (1 - 3)
  - [IDS 499](#) - Interdisciplinary Capstone (2)

**Grand Total Credits: 35 – 37**

## *Healthcare Administration EMPHASIS/CONCENTRATION DESCRIPTION*

A group of courses (30-36 credits) allowing focused learning development in Healthcare Administration; a concentration is the primary element of an interdisciplinary degree.

Program Code: D154

### PROGRAM NOTES

- •No Double Counting of Concentration Courses
- •No Grade Less Than C- for Concentration Courses

## HEALTHCARE ADMINISTRATION CONCENTRATION COURSE REQUIREMENTS

### Core Courses

34 - 37 Total Credits

- Complete all of the following
  - Take the following:
    - [B 301](#) - Financial Management (3)
    - [HS 285](#) - Hospital and Health Administration (3)
    - [HS 345](#) - Healthcare Finance (3)
    - [HS 375](#) - Managing Healthcare Provider Organizations (3)
    - [HS 378](#) - Healthcare Strategy (3)
    - [MATH 221B](#) - Biostatistics (3)
  - Take 1 of the following:
    - [ACCTG 180](#) - Survey of Accounting (3)
    - [ACCTG 201](#) - Financial Accounting (3)
  - Take 4 of the following:
    - [ECON 150](#) - Economic Principles and Problems-Micro (3)
    - [HS 391](#) - Research Methods and Program Evaluation (2)
    - [HS 425](#) - Manage Technology in Health Care Provider Organizations (3)
    - [HS 465](#) - Healthcare Insurance Industry (3)
    - [MA 106](#) - Medical Law and Ethics (2)
  - Take 1 of the following:
    - [HS 498](#) - Internship (1 - 3)
    - [IDS 398R](#) - Interdisciplinary Internship (1 - 3)
  - Take the following:
    - [IDS 499](#) - Interdisciplinary Capstone (2)

**Grand Total Credits: 34 – 37**

## *Software Engineering EMPHASIS/CONCENTRATION DESCRIPTION*

A group of courses (30-36 credits) allowing focused learning development in Software Engineering; a concentration is the primary element of an interdisciplinary degree.

EMPHASIS/CONCENTRATION CODE: D106

## SOFTWARE ENGINEERING CONCENTRATION COURSE REQUIREMENTS

### Core Courses

12 Total Credits

- Take the following:
  - [CS 124](#) - Introduction to Software Development (3)
  - [CS 165](#) - Object-Oriented Software Development (3)
  - [CS 235](#) - Data Structures (3)
  - [CS 246](#) - Software Design and Development (3)

### Interdisciplinary Courses

3 - 5 Total Credits

- Take the following:
  - [IDS 398R](#) - Interdisciplinary Internship (1 - 3)
  - [IDS 499](#) - Interdisciplinary Capstone (2)

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### Software Engineering-Module

15 Total Credits

- Take the following:
  - [CS 308](#) - Technical Communication (3)
  - [CS 364](#) - Software Engineering I (4)
  - [CS 371](#) - Human-Computer Interaction (3)
  - [CS 416](#) - Software Engineering II (2)
  - [CS 432](#) - Software Engineering III (3)

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### Supplemental Courses

6 Total Credits

- Complete 1 of the following
  - Take 6 credits of upper division courses not included in concentration core or selected emphasis area:
  - Take 6 credit(s) from:
    - [CS 313](#) - Web Engineering II (3)
    - [CS 345](#) - Operating Systems (3)
    - [CS 470](#) - Computer Security (3)
    - [CS 480](#) - Computational Theory (3)

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**Grand Total Credits: 36 - 38**

# University Studies (Major: Bachelor-Level)

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## PROGRAM DESCRIPTION

The Bachelor of Science degree in University Studies is a flexible degree that allows a student to tailor his or her education to meet professional and/or educational goals. Students may design a unique course of study that will help qualify them for a variety of career options or graduate education. Note: Other degree options should be considered before pursuing a degree in University Studies to determine if another degree exists that would more particularly accomplish desired outcomes, including the possibility of a bachelor's degree in Interdisciplinary Studies.

PROGRAM CODE: 799

DEGREE: Bachelor of Science (BS)

## PROGRAM NOTES

- Must have a minimum of 15 upper-division (300 or 400 level) credits taken from BYU-Idaho.
- Must have a minimum of 30 credits taken from BYU-Idaho.

## ***PROGRAM COURSE REQUIREMENTS***

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### **Foundations**

40 Total Credits

- Take at least 40 credit(s) to complete one of the following programs: [FND - BACH](#)

### **Minor**

24 Total Credits

- Take 24 credit(s) from any eligible University Minor.

### **General Elective Credits**

- Take credit(s) from any eligible University credits to reach minimum 120 credits requirement for a BS degree.

**Grand Total Credits: 120**

## **Minors**

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### ***Business Management (Minor)***

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#### **PROGRAM DESCRIPTION**

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

**PROGRAM CODE: 250**

#### **PROGRAM NOTES**

- No Double Counting of Minor Courses
- No Grade Less Than C- for Minor Courses

\*\*B 361 has a pre-req of MATH 221 A, B, OR C or ECON 278 or MATH 330.

## PROGRAM COURSE REQUIREMENTS

### Core Courses

15 Total Credits

- Take one course:
  - [ACCTG 180](#) - Survey of Accounting (3)
  - [ACCTG 201](#) - Financial Accounting (3)
- Take the following courses:
  - [B 211](#) - Business Fundamentals (3)
  - [B 215](#) - Spreadsheet Analysis for Business (3)
  - [B 361](#) - Production and Operations Management (3)
  - [ECON 150](#) - Economic Principles and Problems-Micro (3)
  - [MATH 221A](#) - Business Statistics (3)
  - [MATH 221B](#) - Biostatistics (3)
  - [MATH 221C](#) - Social Science Statistics (3)

### IBC Courses

9 Total Credits

- Complete all of the following
  - [B 301](#) - Financial Management (3)
  - [B 321](#) - Organizational Effectiveness (3)
  - [B 341](#) - Marketing Management (3)

**Grand Total Credits: 24**

## Communication (Minor)

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 221

### PROGRAM NOTES

- No Double Counting of Minor Courses

\*COMM 150 is the prerequisite courses from COMM 250, 352, and 450.

## PROGRAM COURSE REQUIREMENTS

### Core Requirements

9 Total Credits



- Complete all of the following
  - Take the following:
    - [COMM 102](#) - Public Speaking (3)
    - [COMM 111](#) - Writing for Communication Career (3)
  - Take the following:
    - [COMM 130](#) - Visual Media (3)

### Core Selection

3 Total Credits

- Take 3 credit(s) from:
  - [COMM 140](#) - Mass Media and Society (3)
  - [\\*COMM 150](#) - Interpersonal Theory and Practice (3)
  - [COMM 273](#) - Professional Presentations (3)
  - [COMM 280](#) - Communication Research Fundamentals (3)
  - [COMM 307](#) - Ethics and Legal Issues (3)

### Practicum

1 Total Credits

- Take the following:
  - [COMM 397R](#) - Communication Practicum II (1) COMM 297R when COMM 397R is not available.

### Modules

9 Total Credits

- Complete the following

#### Communication Management

- Take the following:
  - [COMM 250](#) - Organizational Principles (3)
  - [COMM 350](#) - Group Dynamics (3): COMM 352 when COMM 350 is not available.
  - [COMM 450](#) - Conflict Management and Negotiation (3)

**Grand Total Credits: 22**

## *Computer Information Technology (Minor)*

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 202

PROGRAM NOTES

- No Grade Less Than C- for Minor Courses

## PROGRAM COURSE REQUIREMENTS

### Core Courses

18 Total Credits

- Complete all of the following
  - Take 1 of the following:
    - [CIT 111](#) - Introduction to Databases (3)
    - [CIT 225](#) - Database Design & Development (3)
  - Take the following:
    - [CIT 160](#) - Introduction to Programming (3)
    - [CIT 230](#) - Web Frontend Development (3)
    - [CIT 240](#) - Networking (3)
    - [CIT 260](#) - Object Oriented Programming (3)
    - [CIT 380](#) - Project Management (3)

### Elective Courses

6 Total Credits

- Take 6 credit(s) from CIT courses 200-level or higher NOT used in CIT Core.

**Grand Total Credits: 24**

## Computer Science (Minor)

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 147

### PROGRAM NOTES

- No Grade Less Than C- in Minor Courses
- 

## PROGRAM COURSE REQUIREMENTS

### Core Courses

12 Total Credits

- Take the following:
  - [CS 124](#) - Introduction to Software Development (3)
  - [CS 165](#) - Object-Oriented Software Development (3)

- [CS 235](#) - Data Structures (3)
- [CS 246](#) - Software Design and Development (3)

### Supplemental Courses

12 Total Credits

- Take 12 credit(s) from:
  - [ECEN 160](#) - Fundamentals of Digital Systems (3)
  - [CS 213](#) - Web Engineering I (3)
  - [CS 313](#) - Web Engineering II (3)
  - [CS 345](#) - Operating Systems (3)
  - [CS 364](#) - Software Engineering I (4)
  - [CS 371](#) - Human-Computer Interaction (3)
  - [CS 416](#) - Software Engineering II (2)
  - [CS 432](#) - Software Engineering III (3)

**Grand Total Credits: 24**

## English (Minor)

### PROGRAM DESCRIPTION

A group of courses (18 credits) designed to encourage focused learning in English, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree.

PROGRAM CODE: 133

### PROGRAM NOTES

- No Double Counting of Minor Courses
- No Grade Less Than C- for Minor Courses
- 

### PROGRAM COURSE REQUIREMENTS

#### Core Courses

6 Total Credits

- Take the following:
  - [ENG 251](#) - Fundamentals of Literary Interpretation (3)
  - [ENG 314](#) - Advanced Research and Literary Analysis (3)

#### Supplemental Courses

12 Total Credits

- Take 12 credit(s) from:
  - [ENG 252](#) - Fundamentals of Research and Presentation (3)
  - [ENG 325](#) - Language Theory - Grammar and Usage (3)
  - [ENG 332](#) - British Literature-Neoclassic and Romantic (3)

- [ENG 335](#) - American Literature - Realism and Modern (3)
- [ENG 355](#) - Children's Literature (3)

**Grand Total Credits: 18**

## *Entrepreneurship (Minor)*

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### PROGRAM DESCRIPTION

This minor will complement a variety of majors across the university. The entrepreneurship minor will help students develop skills in problem framing, problem solving, risk management, innovation, and creativity. It will also help students prepare themselves for careers as corporate, social, and small business entrepreneurs.

PROGRAM CODE: 251

### PROGRAM NOTES

- No Double Counting of Minor Courses
- No Grade Less Than C- for Minor Courses

**\*\*Suggested course sequence for entrepreneurship B 283 should be taken before B 383. B 483 is taken as part of course work after B 383.**

## PROGRAM COURSE REQUIREMENTS

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### Core Courses

15 – 24 Total Credits

- Complete one option
  - Option 1
    - Choose one of the following:
      - [ACCTG 180](#) - Survey of Accounting (3)
      - [ACCTG 201](#) - Financial Accounting (3)
    - Take the following
      - [B 283](#) - Small Business Creation (3)
      - [B 383](#) - Launching New Ventures (3)
  - Option 2
    - Take the following
      - [B 283](#) - Small Business Creation (3)
      - [B 383](#) - Launching New Ventures (3)
      - [B 483](#) - Entrepreneurial Management (3)
  - Supplemental courses
    - Take 6 credit(s) from:
      - [B 250](#) - Web Business Creation (3)

- [B 361](#) - Production and Operations Management (3)
  - [B 475](#) - Financing New Ventures (3)
  - [B 483](#) - Entrepreneurial Management (3)
- Choose one of the following groups:
  - Group 1
    - [B 301](#) - Financial Management (3)
    - [B 321](#) - Organizational Effectiveness (3)
    - [B 341](#) - Marketing Management (3)
  - Group 2:
    - [B 321](#) - Organizational Effectiveness (3)
    - [B 341](#) - Marketing Management (3)
  - Choose one:
    - [B 499A](#) - Principles of Business Strategy (3)
    - [B 499E](#) - Business Leadership Capstone (3)

**Grand Total Credits: 15 – 24**

## *Finance (Minor)*

---

### PROGRAM DESCRIPTION

A group of courses (20-24 credits) 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 Double Counting of Minor Courses
- No Grade Less Than C- for Minor Courses

## PROGRAM COURSE REQUIREMENTS

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### Core Courses

12 Total Credits

- Complete all of the following
  - Take 1 of the following:
    - [ACCTG 201](#) - Financial Accounting (3)
    - [B 499A](#) - Principles of Business Strategy (3)
    - [B 499E](#) - Business Leadership Capstone (3)
  - Take the following:
    - [B 211](#) - Business Fundamentals (3)
    - [B 215](#) - Spreadsheet Analysis for Business (3)

- [B 301](#) - Financial Management (3)
- 

Complete one 8-credit option:

### **Option 1**

8 Total Credits

- Take the following:
    - [B 401](#) - Advanced Financial Management (3)
    - [B 410](#) - Investments (3)
    - [B 428](#) - Real Estate and Financial Management (1)
    - [B 433](#) - Personal Finance (1)
- 

### **Option 2**

8 Total Credits

- Take the following:
    - [B 410](#) - Investments (3)
    - [B 428](#) - Real Estate and Financial Management (1)
    - [B 433](#) - Personal Finance (1)
  - And take 3 credit(s) from:
    - [B 370](#) - Human Resource Management (3)
    - [B 383](#) - Launching New Ventures (3)
    - [B 483](#) - Entrepreneurial Management (3)
- 

### **Emphasis Area**

4 Total Credits

- New Venture Finance
    - [B 424D](#) - Legal Aspects Finance-New Venture (1)
    - [B 475](#) - Financing New Ventures (3)
- 

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**Grand Total Credits: 24**

## ***Family History Research (Minor)***

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### **PROGRAM DESCRIPTION**

A group of courses (20-24 credits) designed to encourage focused learning in Family History Research, complementary to an integrated standard degree or as an element of an interdisciplinary studies degree. This minor provides students with an advanced understanding of family history research and report writing principles and practices.

**PROGRAM CODE: 240**

### **PROGRAM NOTES**

- No Double Counting of Minor Courses
- No Grade Less Than C- in Minor Courses

## PROGRAM COURSE REQUIREMENTS

### Core Courses

23 Total Credits

- Take the following:
  - [FDREL 261](#) - Introduction to Family History (2)
  - [FHGEN 111](#) - Introduction to Family History Research, Part One: Record Groups and Methodology (3)
  - [FHGEN 112](#) - Introduction to Family History Research, Part Two: Analysis of Research Evidence (3)
  - [FHGEN 120](#) - Internet and Computer Skills (3)
  - [FHGEN 130](#) - Paleography (3)
  - [FHGEN 140](#) - Genealogical Writing (3)
  - [FHGEN 211](#) - Research Methodology, Part 1 (3)
  - [FHGEN 212](#) - Research Methodology, Part 2 (3)

**Grand Total Credits: 23**

## 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 COURSE REQUIREMENTS

### Health Science Introduction Core

11 – 12 Total Credits

- Complete all of the following
  - Take the following:
    - [BIO 264](#) - Human Anatomy & Physiology I (3)
    - [BIO 264L](#) - Human Anatomy & Physiology I Lab (1)
    - [MATH 221B](#) - Biostatistics (3)
    - [HS 280](#) - Medical Terminology (2)
  - Take 1 of the following:
    - [HRHP 131](#) - Personal Health and Fitness (2)

### Modules

11 – 12 Total Credits

- Complete 1 of the following

### Public Health

- Take the following:
  - [HS 240](#) - Introduction to Community Health (2)
  - [HS 320](#) - Communicable and Non-Communicable Diseases (3)
  - [HS 370](#) - Epidemiology (3)
  - [HS 390](#) - Program Planning/Implementation (3)

### Community and Worksite Wellness

- Take the following:
  - [HS 285](#) - Hospital and Health Administration (3)
  - [HS 391](#) - Research Methods and Program Evaluation (2)
  - [HS 460](#) - Drugs of Use and Abuse (3)
  - [HS 472](#) - Health Communications (3) (If not available online, sub with COMM 140)

**Grand Total Credits: 22 - 24**

## *Marriage & 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 NOTES

- No Double Counting of Major, Minor or Cluster Courses
- No Grade Less Than C- in Major Courses
- 

### PROGRAM COURSE REQUIREMENTS

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#### Core Courses

12 Total Credits

- Take the following:
  - [FAML 160](#) - Family Relations (3)
  - [FAML 220](#) - Parenting (3)
  - [FAML 300](#) - Marriage (3)
  - [FCS 340](#) - Money Management (3)

#### Supplemental Courses

8 Total Credits

- Take 8 credit(s) from:
  - [CHILD 210](#) - Child Development (3)



- [FAML 100](#) - The Family (3)
  - [FAML 110](#) - Marriage Skills (1)
  - [FAML 200](#) - Preparation for Marriage (2)
  - [FAML 360](#) - Family Stress and Coping (3)
  - [FAML 400](#) - Family Theories and Dynamics (3)
  - [FAML 430](#) - Family and Community Relationships (3)
  - [FAML 460](#) - Child and Family Advocacy (3)
  - [SOC 311](#) - Sociology of the Family (3)
- 

**Grand Total Credits: 20**

### *Web Design: for non-WDD majors (Minor)*

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#### PROGRAM DESCRIPTION

A minor for non-WDD students to learn web design principles

PROGRAM CODE: 215

#### PROGRAM NOTES

- For non-Web Design and Development students.
- Grade of C- or higher required in all minor courses.

#### PROGRAM COURSE REQUIREMENTS

---

##### **Core Courses**

24 Total Credits

- Take the following:
    - [ART 130](#) - Introduction to Graphic Design (3)
    - [ART 230](#) - Typography (3)
    - [B 250](#) - Web Business Creation (3)
    - [CIT 160](#) - Introduction to Programming (3)
    - [CIT 230](#) - Web Frontend Development (3)
    - [COMM 130](#) - Visual Media (3)
    - [COMM 315](#) - Social Media Design (3)
    - [WDD 100](#) - Introduction to Web Design and Development (1)
- 

**Grand Total Credits: 24**

### *Web Development (Minor)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 230

PROGRAM NOTES

- No Grade Less Than C- for Minor Courses
- For Web Design and Development Students

### PROGRAM COURSE REQUIREMENTS

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#### Core Courses

25 Total Credits

- Take the following:
  - [CIT 225](#) - Database Design & Development (3)
  - [CIT 260](#) - Object Oriented Programming (3)
  - [CIT 261](#) - Mobile Application Development (3)
  - [CIT 270](#) - Systems Security I (3)
  - [CS 308](#) - Technical Communication (3)
  - [CS 313](#) - Web Engineering II (3)
  - [CS 364](#) - Software Engineering I (4)
  - [CS 371](#) - Human-Computer Interaction (3)

---

**Grand Total Credits: 25**

## Clusters

### *Administrative Assistant (Cluster)*

---

PROGRAM DESCRIPTION

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

PROGRAM CODE: 2103

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

12 Total Credits

- Complete all of the following
  - Take the following:
    - [B 129](#) - Office Procedures (3)
    - [B 240](#) - Word Processing I (3)
    - [B 241](#) - Word Processing II (3)

- Take 3 credit(s) from:

- [ACCTG 180](#) - Survey of Accounting (3)
- [ACCTG 205](#) - Accounting Software (2)
- [B 201](#) - Introduction to Finance (3)
- [B 211](#) - Business Fundamentals (3)
- [B 250](#) - Web Business Creation (3)
- [B 370](#) - Human Resource Management (3)
- [CIT 110](#) - Introduction to Excel (3)
- [CIT 230](#) - Web Frontend Development (3)
- [COMM 130](#) - Visual Media (3) Prerequisite CIT 160 not offered as part of cluster.
- [COMM 175](#) - Communication Essentials (2)
- [COMM 310](#) - Creating Online Media (3)

**Grand Total Credits: 12**

## *Business Fundamentals (Cluster)*

---

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2109

### PROGRAM COURSE REQUIREMENTS

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#### Core Courses

12 Total Credits

- Complete all of the following

- Take the following:

- [ACCTG 201](#) - Financial Accounting (3)
- [B 211](#) - Business Fundamentals (3)
- [ECON 150](#) - Economic Principles and Problems-Micro (3)

- Take 3 credit(s) from:

- [ACCTG 205](#) - Accounting Software (2)
- [B 250](#) - Web Business Creation (3)
- [B 275](#) - Business Law (3)
- [B 283](#) - Small Business Creation (3)
- [B 301](#) - Financial Management (3)
- [B 321](#) - Organizational Effectiveness (3)
- [B 341](#) - Marketing Management (3)
- [B 361](#) - Production and Operations Management (3)
- [B 370](#) - Human Resource Management (3)
- [HS 285](#) - Hospital and Health Administration (3)

## Grand Total Credits: 12

### *Child Development (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 3000

#### PROGRAM COURSE REQUIREMENTS

---

##### **Core Courses**

12 Total Credits

- Complete all of the following
  - Take the following:
    - [CHILD 210](#) - Child Development (3)
  - Take 6 credit(s) from:
    - [CHILD 300](#) - Infant and Toddler Development (3)
    - [CHILD 310](#) - Early and Middle Development (3)
    - [CHILD 320](#) - Adolescent Development (3)
  - Take 3 credit(s) from: (if taken with the Marriage and Family Studies minor, take all four child courses listed above instead of a course from below.)
    - [FAML 160](#) - Family Relations (3)
    - [FAML 220](#) - Parenting (3)

## Grand Total Credits: 12

### *Communication Management (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2211

#### PROGRAM COURSE REQUIREMENTS

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##### **Core Courses**

12 Total Credits

- Take the following:
  - [COMM 150](#) - Interpersonal Theory and Practice (3)
  - [COMM 250](#) - Organizational Principles (3)
  - [COMM 350](#) - Group Dynamics (3): Take COMM 352 if COMM 350 is not available online
  - [COMM 450](#) - Conflict Management and Negotiation (3)

**Grand Total Credits: 12**

### *Computer Science (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 6600

#### PROGRAM COURSE REQUIREMENTS

---

##### **Core Courses**

11 – 13 Total Credits

- Complete all of the following
  - Take the following:
    - [CS 124](#) - Introduction to Software Development (3)
    - [CS 165](#) - Object-Oriented Software Development (3)
  - Take 2 of the following:
    - [CS 213](#) - Web Engineering I (3)
    - [CS 235](#) - Data Structures (3)
    - [CS 246](#) - Software Design and Development (3)
    - [CS 371](#) - Human-Computer Interaction (3)
    - [ECEN 160](#) - Fundamentals of Digital Systems (3)

**Grand Total Credits: 11 - 13**

### *Electrical & Computer Engineering (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 6603

#### PROGRAM COURSE REQUIREMENTS

---

##### **Core Courses**

12 Total Credits

- Take the following:
  - [CS 124](#) - Introduction to Software Development (3)
  - [CS 165](#) - Object-Oriented Software Development (3)
  - [ECEN 150](#) - Electric Circuit Analysis I (3)
  - [ECEN 160](#) - Fundamentals of Digital Systems (3)

**Grand Total Credits: 12**

## *Entrepreneurship (Cluster)*

---

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2115

### PROGRAM COURSE REQUIREMENTS

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#### Core Courses

12 Total Credits

- Complete all of the following
  - Take the following:
    - [B 183](#) - Introduction to Entrepreneurship (3)
    - [B 283](#) - Small Business Creation (3)
    - [B 383](#) - Launching New Ventures (3)
  - Take 3 credit(s) from:
    - [B 250](#) - Web Business Creation (3)
    - [B 483](#) - Entrepreneurial Management (3)

**Grand Total Credits: 12**

## *Family History Research (Cluster)*

---

### PROGRAM DESCRIPTION

A cluster of courses (12-15 credits) designed to prepare students in Family History Research, supplemental to a major. This cluster provides students with a basic understanding of family history research principles and practices.

PROGRAM CODE: 7000

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

14 Total Credits

- Complete all of the following
  - Take the following:
    - [FDREL 261](#) - Introduction to Family History (2)
    - [FHGEN 111](#) - Introduction to Family History Research, Part One: Record Groups and Methodology (3)
    - [FHGEN 120](#) - Internet and Computer Skills (3)
    - [FHGEN 130](#) - Paleography (3)
  - Take 1 of the following:

- [FHGEN 112](#) - Introduction to Family History Research, Part Two: Analysis of Research Evidence (3)
- [FHGEN 160](#) - The Family and Society (3)
- [FHGEN 211](#) - Research Methodology, Part 1 (3)

**Grand Total Credits: 14**

### *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 NOTES

- FAML 460 requires Junior or Senior standing.

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

12 Total Credits

- Complete all of the following
  - Take the following:
    - [FAML 160](#) - Family Relations (3)
    - [FAML 220](#) - Parenting (3)
    - [FAML 300](#) - Marriage (3)
  - Take 3 credit(s) from:
    - [CHILD 210](#) - Child Development (3)
    - [FAML 100](#) - The Family (3)
    - [FAML 110](#) - Marriage Skills (1)
    - [FAML 200](#) - Preparation for Marriage (2)
    - [FAML 360](#) - Family Stress and Coping (3)
    - [FAML 400](#) - Family Theories and Dynamics (3)
    - [FAML 430](#) - Family and Community Relationships (3)
    - [FAML 460](#) - Child and Family Advocacy (3)
    - [FCS 340](#) - Money Management (3)
    - [SOC 311](#) - Sociology of the Family (3)

**Grand Total Credits: 12**

### *General Business (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2100

## PROGRAM COURSE REQUIREMENTS

### Core Courses

12 Total Credits

- Complete all of the following
  - Take 1 of the following:
    - [ACCTG 180](#) - Survey of Accounting (3)
    - [ACCTG 201](#) - Financial Accounting (3)
  - Take 9 credit(s) from:
    - [B 201](#) - Introduction to Finance (3)
    - [B 211](#) - Business Fundamentals (3)
    - [B 275](#) - Business Law (3)
    - [B 301](#) - Financial Management (3)
    - [B 321](#) - Organizational Effectiveness (3)
    - [B 341](#) - Marketing Management (3)
    - [B 361](#) - Production and Operations Management (3)
    - [B 370](#) - Human Resource Management (3)
    - [B 380](#) - Introduction to International Business (3)
    - [B 383](#) - Launching New Ventures (3)
    - [B 483](#) - Entrepreneurial Management (3)
    - [ECON 150](#) - Economic Principles and Problems-Micro (3)
    - [MATH 221A](#) - Business Statistics (3)

**Grand Total Credits: 12**

## *General Economics (Cluster)*

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2300

## PROGRAM COURSE REQUIREMENTS

### Core Courses

12 - 13 Total Credits

- Complete all of the following
  - [ECON 151](#) - Economic Principles and Problems-Macro (3)
  - [ECON 150](#) - Economic Principles and Problems-Micro (3)
  - [ECON 278](#) - Statistics for Economists (3)
  - [ECON 365](#) - Health Economics (3)

**Grand Total Credits: 12**



## *Generic CIT (Cluster)*

---

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2500

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

12 Total Credits

- Take the following:
    - [CIT 160](#) - Introduction to Programming (3)
    - [CIT 230](#) - Web Frontend Development (3)
    - [CIT 240](#) - Networking (3)
    - [CIT 336](#) - Web Backend Development (3)
- 

**Grand Total Credits: 12**

## *Graphic Design (Cluster)*

---

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 5206

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

12 Total Credits

- Complete all of the following
    - Take the following:
      - [ART 130](#) - Introduction to Graphic Design (3)
      - [ART 230](#) - Typography (3)
      - [ART 235](#) - Graphic Design (3)
    - Take 1 of the following:
      - [ART 331R](#) - Information Design (3)
      - [ART 337R](#) - Interaction Design (3)
- 

**Grand Total Credits: 12**

## *Healthcare Administration (Cluster)*

---

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 1308

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

13 Total Credits

- Take the following:
  - [HS 280](#) - Medical Terminology (2)
  - [HS 285](#) - Hospital and Health Administration (3)
  - [HS 378](#) - Healthcare Strategy (3)
  - [HS 390](#) - Program Planning/Implementation (3)
  - [MA 106](#) - Medical Law and Ethics (2)

**Grand Total Credits: 13**

## *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

16 - 17 Total Credits

- Complete all of the following
  - Take the following:
    - [HS 223](#) - Wilderness First Aid (3)
    - [HS 320](#) - Communicable and Non-Communicable Diseases (3)
    - [HS 420](#) - Health Behavior Theories and Models (2)
    - [HS 472](#) - Health Communications (3)
    - [NUTR 150](#) - Essentials of Human Nutrition (3)
  - Take 1 of the following:
    - [HRHP 131](#) - Personal Health and Fitness (2)

**Grand Total Credits: 16 - 17**

## *Human Resource Management (Cluster)*

---

### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2111

PROGRAM NOTES

- Business majors cannot take B 321 as an option for this cluster.

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

12 Total Credits

- Complete all of the following
  - Take the following:
    - [B 370](#) - Human Resource Management (3)
  - Take 9 credit(s) from:
    - [B 321](#) - Organizational Effectiveness (3)
    - [COMM 150](#) - Interpersonal Theory and Practice (3)
    - [COMM 450](#) - Conflict Management and Negotiation (3)
    - [SOC 323](#) - Race and Ethnic Relations (3)

**Grand Total Credits: 12**

### *English Language & Usage (Cluster)*

---

PROGRAM DESCRIPTION

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

PROGRAM CODE: 4303

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

12 Total Credits

- Complete all of the following
  - Take the following:
    - [ENG 314](#) - Advanced Research and Literary Analysis (3)
    - [ENG 325](#) - Language Theory - Grammar and Usage (3)
  - Take 2 of the following:
    - [COMM 102](#) - Public Speaking (3)
    - [ENG 252](#) - Fundamentals of Research and Presentation (3)

### *Literary Analysis (Cluster)*

---

PROGRAM DESCRIPTION

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

PROGRAM CODE: 4204

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

12 Total Credits

Complete all of the following

- Take the following:
  - [ENG 251](#) - Fundamentals of Literary Interpretation (3)
- Take 3 of the following:
  - [ENG 332](#) - British Literature-Neoclassic and Romantic (3)
  - [ENG 335](#) - American Literature - Realism and Modern (3)
  - [ENG 355](#) - Children's Literature (3)

**Grand Total Credits: 12**

### *Networking (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE:2502

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

12 Total Credits

- Take the following:
  - [CIT 240](#) - Networking (3)
  - [CIT 241](#) - Network Design I (3)
  - [CIT 270](#) - Systems Security I (3)
  - [CIT 353](#) - Operating Systems II (3)

**Grand Total Credits: 12**

### *Physical Science and Mathematics (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 6800

#### PROGRAM NOTES

- Take 12 credits from at least 2 of the following areas:

#### PROGRAM COURSE REQUIREMENTS

---

##### Core Courses

12 Total Credits

- Complete all of the following
    - Take 12 credit(s) from
    - Take any Chemistry class numbered 105 or higher (CHEM 150 and CHEM 153 cannot be taken with CHEM 351 and/or CHEM 352)
    - Take any Physics class numbered 105 or higher
    - Take any Geology class numbered 111 and 111L or higher
    - Take any Mathematics class numbered 111 or higher
- 

**Grand Total Credits: 12**

#### *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 the following courses:
    - [B 275](#) - Business Law (3)
    - [COMM 102](#) - Public Speaking (3)
    - [COMM 150](#) - Interpersonal Theory and Practice (3)
    - [COMM 307](#) - Ethics and Legal Issues (3)
- 

**Grand Total Credits: 12**

#### *Professional Presentations (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2208

## PROGRAM COURSE REQUIREMENTS

---

### Core Courses

12 Total Credits

- Complete all of the following
    - [COMM 130](#) - Visual Media (3)
    - [COMM 102](#) - Public Speaking (3)
    - [COMM 273](#) - Professional Presentations (3)
    - [COMM 352](#) - Persuasion (3)
- 

**Grand Total Credits: 12**

### *Programming (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2501

## PROGRAM COURSE REQUIREMENTS

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### Core Courses

12 Total Credits

- Take the following:
    - [CIT 111](#) - Introduction to Databases (3)
    - [CIT 160](#) - Introduction to Programming (3)
    - [CIT 230](#) - Web Frontend Development (3)
    - [CIT 260](#) - Object Oriented Programming (3)
- 

**Grand Total Credits: 12**

### *Project Lifecycle (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2504

## PROGRAM COURSE REQUIREMENTS

---

### Core Courses

12 Total Credits

- Take the following:
    - [CIT 111](#) - Introduction to Databases (3)
    - [CIT 160](#) - Introduction to Programming (3)
    - [CIT 225](#) - Database Design & Development (3)
-

- [CIT 380](#) - Project Management (3)

**Grand Total Credits: 12**

### *Introduction to Psychology (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 3107

#### PROGRAM NOTES

- No Grade Less Than D-

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

13 Total Credits

- Take the following:
  - [MATH 221C](#) - Social Science Statistics (3)
  - [PSYCH 111](#) - General Psychology (3)
  - [PSYCH 112](#) - Career Development in Psychology (1)
  - [PSYCH 302](#) - Research Methods (3)
  - [PSYCH 311](#) - History and Systems of Psychology (3)

**Grand Total Credits: 13**

### *Parenting (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 3102

#### PROGRAM NOTES

- No Grade Less Than D-

### PROGRAM COURSE REQUIREMENTS

---

#### Core Courses

12 Total Credits

- Complete all of the following
  - Take the following:
    - [PSYCH 111](#) - General Psychology (3)
    - [PSYCH 201](#) - Developmental Psychology Lifespan (3)
  - Take 6 credit(s) from:

- [CHILD 210](#) - Child Development (3)
- [CHILD 320](#) - Adolescent Development (3)

**Grand Total Credits: 12**

### *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

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##### **Core Courses**

15 Total Credits

- Take the following:
  - [HS 285](#) - Hospital and Health Administration (3)
  - [HS 310](#) - Environmental Health (3)
  - [HS 370](#) - Epidemiology (3)
  - [HS 390](#) - Program Planning/Implementation (3)
  - [MATH 221B](#) - Biostatistics (3)

**Grand Total Credits: 15**

### *Web (Cluster)*

---

#### PROGRAM DESCRIPTION

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

PROGRAM CODE: 2503

#### PROGRAM COURSE REQUIREMENTS

---

##### **Core Courses**

12 Total Credits

- Take the following:
  - [CIT 111](#) - Introduction to Databases (3)
  - [CIT 160](#) - Introduction to Programming (3)
  - [CIT 230](#) - Web Frontend Development (3)
  - [CIT 336](#) - Web Backend Development (3)

**Grand Total Credits: 12**



# Major, minor, and certificate codes and Course Title Codes

Majors: Associate		Code
AAS Administrative Assistant		370
AAS Business Management		371
AAS Computer Information Systems		375
AAS Computer Programming		385
AAS Family History Research		376
AAS Web Design and Development: Web Design Emphasis		390-113
AAS Web Design and Development: Web Development Emphasis		390-114
AS General Studies		399
Majors: Bachelor		
BS Applied Management		405
BS Business Management: Finance Emphasis		415-96
BS Business Management: Entrepreneurial Management Emphasis		415-171
BS Computer Information Technology		681
BS Healthcare Administration		752
BS Marriage and Family Studies		736-145
BS Nursing RN to BSN		400
BS Public Health		751-203
BS Software Engineering		443
BS Web Design and Development		590-110 and 111
BS Interdisciplinary Studies		795
BS University Studies		799
Minors		code
Business Management		250
Communication		221
Computer Information Technology (CIT)		202
Computer Science		147
English		133
Entrepreneurship		251
Finance		247
Family History Research		240
Public Health		255

<b>Marriage and Family Studies</b>	184
<b>Web Design</b>	215
<b>Web Development</b>	216
<b>Clusters</b>	<b>code</b>
<b>Administrative Assistant</b>	2103
<b>Art - Graphic Design</b>	5206
<b>Business Fundamentals</b>	2109
<b>Child Development</b>	3000
<b>Communication Management</b>	2211
<b>Computer Science</b>	6600
<b>Electrical and Computer Engineering</b>	6603
<b>Entrepreneurship</b>	2115
<b>Family History Research</b>	7000
<b>Family Studies</b>	3003
<b>General Business</b>	2100
<b>Generic Computer Information Tech. (CIT)</b>	2500
<b>Healthcare Administration</b>	1308
<b>Health and Wellness</b>	1300
<b>Human Resource Management</b>	2111
<b>Introduction to English Studies</b>	4207
<b>Introduction to Psychology</b>	3107
<b>Literature</b>	4204
<b>Networking</b>	2502
<b>Physical Science &amp; Mathematics</b>	6800
<b>Pre-law</b>	4008
<b>Professional Presentations</b>	2208
<b>Programming</b>	2501
<b>Project Lifecycle</b>	2504
<b>Parenting Emphasis - Psychology</b>	3102
<b>Public Health</b>	1303
<b>Web</b>	2503
<b>Certificates</b>	<b>Code</b>
<b>Administrative Assistant/Office Manager</b>	C101
<b>Agribusiness</b>	C110
<b>Basic Accounting</b>	C100
<b>Business Management</b>	C123
<b>Commercial Fundamentals</b>	C111
<b>Computer-Aided Design and Drafting</b>	C121
<b>Computer Information Technology</b>	C108
<b>Data Analysis Certificate</b>	C117
<b>Entrepreneurship</b>	C106
<b>Family History Research</b>	C107
<b>Home &amp; Family Studies</b>	C104
<b>Programming</b>	C118

Programming-Computer Information Systems	C122
Professional Sales	C102
Web Frontend Development	C 113
Web Backend Development	C114
Web Media	C103
System Administration (CIS)	C115
TESOL	C109
<b>Department</b>	<b>Title Code</b>
Accounting	ACCTG
Economics	AGBUS
Sociology and Social Work	ANTH
Art	ART
Automotive	AUTO
Business Management	B
Biology	BIO
Chemistry	CHEM
Home and Family	CHILD
Computer Information Technology	CIT
Communication	COMM
Design and Construction Management	CONST
Computer Science and Electrical Engineering	CS
Economics	ECON
Teacher Education	ED & SPED
Computer Science and Electrical Engineering	ECEN
Teacher Education	ECSE
English	ENG
Health, Recreation, and Human Performance	ESS
Home and Family	FAML
Home and Family	FCS
Foundations (under Programs)	FDAMF
Foundations (under Programs)	FDINT
Foundations (under Programs)	FDMAT
Foundations (under Programs)	FDHUM
Religious Education	FDREL
Foundations (under Programs)	FDSCI
Foundations (under Programs)	FDWLD
Family History Research	FHGEN
Academic Support/General Studies	GS
Health, Recreation, and Human Performance	HRHP
Health, Recreation, and Human Performance	HS
Interdisciplinary Studies	IDS
Library	LR
Health, Recreation, and Human Performance	MA
Mathematics	MATH

<b>Mechanical Engineering</b>	ME
<b>Nursing</b>	NURS
<b>Animal and Food Science</b>	NUTR
<b>Physics</b>	PH
<b>Political Science</b>	POLSCI
<b>Health, Recreation, and Human Performance</b>	RM
<b>Sociology and Social Work</b>	SOC
<b>Sociology and Social Work</b>	SW
<b>Theatre</b>	TA
<b>Language and International Studies</b>	TESOL
<b>Computer Information Technology</b>	WDD