### University Core and Graduation Requirements

#### University Core Requirements:

<table>
<thead>
<tr>
<th>Requirements</th>
<th>#Classes</th>
<th>Hours</th>
<th>Classes</th>
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<tbody>
<tr>
<td>Religion Cornerstones</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Teachings and Doctrine of The Book of Mormon</td>
<td>1</td>
<td>2.0</td>
<td>REL A 275</td>
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<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
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<td>REL A 250</td>
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<td>Foundations of the Restoration</td>
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<td>REL C 225</td>
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<tr>
<td>The Eternal Family</td>
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<td>REL C 200</td>
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<td>The Individual and Society</td>
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<tr>
<td>American Heritage</td>
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<td>from approved list</td>
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<tr>
<td>Global and Cultural Awareness</td>
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<td>3.0</td>
<td>ENG T 231*</td>
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<tr>
<td>Skills</td>
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<tr>
<td>First Year Writing</td>
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<td>WRTG 150</td>
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<tr>
<td>Advanced Written and Oral Communications</td>
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<td>3.0</td>
<td>M COM 320* or ENGL 316*</td>
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<tr>
<td>Quantitative Reasoning</td>
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<td>3.0</td>
<td>ACC 200*</td>
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<tr>
<td>Languages of Learning (Math or Language)</td>
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<td>STAT 121*</td>
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<td>Arts, Letters, and Sciences</td>
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<td>Civilization 1</td>
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<td>Civilization 2</td>
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<td>Biological Science</td>
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<td>Physical Science</td>
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<td>CFM 302*</td>
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<td>Social Science</td>
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<td>3.0</td>
<td>ECON 110* or ENG T 231*</td>
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<td>Core Enrichment: Electives</td>
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<td>Religion Electives</td>
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<tr>
<td>Open Electives</td>
<td>Variable</td>
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<td>personal choice</td>
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</tbody>
</table>

FOR UNIVERSITY CORE QUESTIONS CONTACT THE ADVISEMENT CENTER — FOR PROGRAM QUESTIONS SEE ADVISOR IN 250 SNLB.

*THESE CLASSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (19 hours overlap)

#### Graduation Requirements:

- Minimum residence hours required: 30.0
- Minimum hours needed to graduate: 120.0

### Suggested Sequence of Courses

#### Freshman Year

**1st Semester**
- First-year Writing or American Heritage: 3.0
- CFM 213: 2.0
- CFM 291R: 0.5
- CFM 311: 4.0
- CFM 345: 2.0
- PHSCS 105: 3.0
- Minor/ Elective: 3.0

**Total Hours:** 13.5

#### 2nd Semester

- Religion Cornerstone Course: 2.0
- CFM 291R: 0.5
- CFM 311: 4.0
- CFM 345: 2.0
- PHSCS 105: 3.0
- Minor/ Elective: 3.0
- Religion Elective: 2.0

**Total Hours:** 15.5

#### Sophomore Year

**3rd Semester**
- CFM 213: 2.0
- 7th Semester: 0.5
- CFM 291R: 0.5
- CFM 311: 4.0
- CFM 345: 2.0
- PHSCS 105: 3.0
- Religion Elective: 2.0

**Total Hours:** 15.5

**4th Semester**
- CFM 291R: 0.5
- CFM 302: 4.0
- CFM 320: 3.0
- ACC 200: 3.0
- CFM 217: 4.0
- Religion cornerstone course: 2.0

**Total Hours:** 16.5

#### Junior Year

**5th Semester**
- Religion Cornerstone Course: 2.0
- CFM 291R: 0.5
- CFM 311: 4.0
- CFM 345: 2.0
- PHSCS 105: 3.0
- Religion elective: 2.0

**Total Hours:** 15.5

**6th Semester**
- Religion Cornerstone Course: 2.0
- CFM 291R: 0.5
- CFM 311: 4.0
- CFM 345: 2.0
- PHSCS 105: 3.0
- Religion elective: 2.0

**Total Hours:** 15.5

#### Senior Year

**5th Semester**
- Religion Cornerstone Course: 2.0
- CFM 291R: 0.5
- CFM 311: 4.0
- CFM 345: 2.0
- PHSCS 105: 3.0
- Religion elective: 2.0

**Total Hours:** 15.5

**6th Semester**
- Religion Cornerstone Course: 2.0
- CFM 291R: 0.5
- CFM 311: 4.0
- CFM 345: 2.0
- PHSCS 105: 3.0
- Religion elective: 2.0

**Total Hours:** 15.5

*Hist 220 or Pl Sc 110 combined with the required Econ 110 course can fill the American Heritage requirement.

Note: Students are encouraged to complete an average of 15–16 credit hours each semester or 30–32 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.
Students receiving C- or lower grades in required courses will be placed on department probationary status.

**REQUIREMENT 1** Complete 16 courses

- ACC 200 - Principles of Accounting 3.0
- CFM 105 - Introduction to Construction and Facilities Management 3.0
- CFM 155 - Construction Modeling 3.0
- CFM 210 - Light Structural Systems 3.0
- CFM 241 - Electrical Systems in Construction 2.0
- CFM 311 - Estimating Processes and Spreadsheets 4.0
- CFM 320 - Mechanical Systems 3.0
- CFM 385 - Construction Contracts and Law 3.0
- CFM 412 - Construction Scheduling and Cost Control 3.0
- CFM 415 - Project Management and Control 3.0
- CFM 426 - Real Estate Principles and Development 4.0
- CFM 445 - Construction Company Operations and Management 4.0
- CFM 460 - Sustainability and Regulatory Building Solutions 3.0
- ENG T 231 - Foundations of Global Leadership 3.0
- MATH 111 - Trigonometry 2.0
- *STAT 121 - Principles of Statistics 3.0

**REQUIREMENT 2** Complete 1 course

- ENGL 316 - Technical Communication 3.0
- M COM 320 - Communication in Organizational Settings 3.0

**REQUIREMENT 3** Complete 2.5 hours from the following course(s)

- **COMPLETE FIVE ENROLLMENTS OF THE FOLLOWING (CANNOT BE TAKEN THE SAME SEMESTER AS CFM 491):**
  - CFM 291R - Undergraduate Seminar 0.5
  You may take this course up to 5 times.

**REQUIREMENT 4** Complete 1 course

- **COMPLETE THE FOLLOWING DURING THE NEXT-TO-LAST SEMESTER BEFORE GRADUATION.**
  - CFM 491 - Senior Seminar 0.5

**REQUIREMENT 5** Complete 9 courses

- **EMPHASIS COURSES:**
  - CFM 213 - Construction Surveying and Layout 2.0
  - CFM 217 - Concrete, Masonry, and Asphalt 3.0
  - *CFM 302 - Structures and Strength of Materials Fundamentals 4.0
  - CFM 335 - Construction Equipment and Soils Mechanics 3.0
  - CFM 345 - Construction Safety Management 2.0
  - CFM 411 - Pre-Construction Services 4.0
  - CFM 416 - Capstone 3.0

**REQUIREMENT 6** Complete 1 option

- **COMPLETE ONE COURSE FROM ONE OF THE FOLLOWING OPTIONS:**

  **FACILITIES AND PROPERTY MANAGEMENT OPTION:**
  - CFM 330 - Advanced Mechanical, Electrical, and Plumbing Systems 3.0
  - CFM 400 - Managing High Performance Buildings 3.0
  - CFM 420 - Commercial Real Estate Management 3.0

  **ARCHITECTURE OPTION:**
  - ARTHC 329 - Renaissance and Baroque Architecture 3.0
  - ARTHC 365 - American Architecture 3.0
  - ARTHC 367 - Modern Architecture 3.0

  **BUSINESS MANAGEMENT OPTION:**
  - BUS M 241 - Marketing Management 3.0
  - FIN 201 - Principles of Finance 3.0
  - ORG B 320 - Organizational Effectiveness 3.0

  **MENTORED STUDENT EXPERIENCE OPTION:**
  - CFM 317R - Capstone 2 - Competition 1.0
  - CFM 318R - Capstone 2 - International 1.0
  - CFM 399R - Capstone Internship 3.0

**OPTION 6.1** Complete 1 course

- Facilities - The department utilizes the most advanced and innovative construction related university computer laboratories in the nation. Facilities for construction technologies, CAC, and other related areas are also high quality. Special programs - The CM program is involved in a variety of special activities during the year.
  - National Student Construction Management competition - National Association of Home Builders.
  - National and Regional Student Construction Management competition - Associated Schools of Construction.
  - Other community service projects (Highway cleanup, Parade of Homes, etc.).
  - Habitat for Humanity.

**PROFESSIONAL AND HONOR SOCIETIES:**


**INTERNSHIP EXPERIENCES:**

- Internships and practical experience are all required. One of the hallmarks of the program is the 300 hr. practical application of skills and technologies. Pre-professional training - Construction Management is an ideal course for pre-architectural, business, and law students.

**FINANCING:**

- Scholarships are available for declared majors. Also a number of upper-division students are hired as laboratory assistants and teaching assistants.

**CAREERS:**

- Graduates find employment in a variety of construction industry- related positions. Typical position titles are superintendent, estimator,
scheduler, field engineer, general contractor, safety engineer, project manager, procurement manager, project engineer, cost controller, site analyst, etc.
Alumni find they are qualified for employment in all types of construction. It is a broad-based program that provides the training and experience needed for several occupational opportunities. This major is also excellent preparation for students desiring graduate study in architecture, business management, or construction law.

GRADUATE SCHOOL:
There will be increasing need for construction managers at all levels. These managers should possess advanced skills in management because of the increased interest in a Construction Management advanced degree, BYU’s CM program has a CM Master’s degree.

MAP DISCLAIMER
While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.

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