BS in Construction and Facilities Management: Facility and Property Management (396531) MAP Sheet
Engineering, Civil and Environmental Engineering
For students entering the degree program during the 2022-2023 curricular year.
Facility and property management (FPM) is the development and management of all types of real estate, facilities, and properties from original design and construction, through the different phases of occupation, including remodeling, to the final demise of the property. FPM is a cradle-to-grave stewardship to manage the real estate to fulfill the purpose for which it is intended.

University Core and Graduation Requirements

University Core Requirements:

Requirements#ClassesHoursClasses
Religion Cornerstones
Teachings and Doctrine of The Book of Mormon12.0REL A 275
Jesus Christ and the Everlasting Gospel12.0REL A 250
Foundations of the Restoration12.0REL C 225
The Eternal Family12.0REL C 200
The Individual and Society
American Heritage1-23.0from approved list
Global and Cultural Awareness13.0CCE 231 *
Skills
First Year Writing13.0from approved list
Advanced Written and Oral Communications13.0M COM 320* or WRTG 316 *
Quantitative Reasoning13.0ACC 200 *
Languages of Learning (Math or Language)13.0STAT 121 *
Arts, Letters, and Sciences
Civilization 1113.0from approved list
Civilization 213.0from approved list
Arts13.0from approved list
Letters13.0from approved list
Biological Science13-4.0from approved list
Physical Science13.0from approved list
Social Science13.0CCE 231 *
Core Enrichment: Electives
Religion Electives3-4.6.0from approved list
Open ElectivesVariableVariableVariablepersonal choice
FOR UNIVERSITY CORE QUESTIONS CONTACT THE COLLEGE ADVISEMENT CENTER IN 246 EB
FOR PROGRAM QUESTIONS SEE ADVISOR IN 430 EB

*THESE CLASSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (15 hours overlap)

Graduation Requirements:

Minimum residence hours required30.0
Minimum hours needed to graduate120.0

Suggested Sequence of Courses

Freshman Year
1st Semester
CCE 1011.0
CFM 1103.0
American Heritage3.0
MATH 1112.0
BIO GE3.0
Religion Cornerstone course2.0
Total Hours: 14.0
2nd Semester
CFM 1053.0
CCE 1703.0
CFM 199R1.0
CFM 1203.0
WRTG 1503.0
Religion Cornerstone course: 2.0
Total Hours: 15.0
Sophomore Year
3rd Semester
CFM 291R0.5
CCE 2012.0
CCE 112 or CCE 113.0
CFM 2413.0
CFM 3113.0
CCE 2313.0
Religion Cornerstone course: 2.0
Total Hours: 16.5
4th Semester
CFM 291R0.5
Elective: 3.0
CFM 3203.0
STAT 1213.0
ACCT 2003.0
Religion Cornerstone course: 2.0
Total Hours: 14.5
Junior Year
5th Semester
CFM 291R0.5
CFM 3303.0
Elective: 3.0
CFM 3453.0
PHYS SCI Elective: 3.0
Religion Elective: 2.0
Total Hours: 14.5
6th Semester
CFM 291R0.5
CFM 3403.0
CFM 4153.0
CFM 4263.0
WRTG 3163.0
Religion Elective: 2.0
Total Hours: 14.5
Senior Year
7th Semester
CFM 491R0.5
CFM 399R1.0
CFM 4853.0
CFM 412.0  
CFM 420.3  
Civilization I 3.0  
Religion Elective 2.0  
Total Hours 15.5  
8th Semester  
CFM 291R 0.5  
CFM 400.3  
CFM 445.3  
HRM 402.3  
Civilization 2 3.0  
Arts/Letters 3.0  
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 16-17 credit hours each semester or 32-33 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.  

BS in Construction and Facilities Management: Facility and Property Management (396531) 2022-2023 Program Requirements (85 Credit Hours)  

requirement 1 Complete 16 courses  
*ACC 200 - Principles of Accounting 3.0  
CCE 101 - Introduction to Civil and Construction Engineering 1.0  
CCE 113 - Construction Modeling 3.0  
CCE 170 - Computer Methods 3.0  
CCE 201 - Sustainable Infrastructure 2.0  
CFM 105 - Fundamentals of Construction and Facilities Management 3.0  
CFM 120 - Light Structural Systems 3.0  
CFM 220 - Mechanical Systems 3.0  
CFM 241 - Electrical Systems in Construction 2.0  
CFM 311 - Estimating Processes 3.0  
CFM 345 - Construction Safety Management 3.0  
CFM 412 - Construction Scheduling and Cost Control 3.0  
CFM 415 - Construction Project Management and Control 3.0  
CFM 426 - Real Estate Principles and Development 3.0  
CFM 445 - Construction Company Operations and Management 3.0  
CFM 485 - Construction Contracts and Law 3.0  

requirement 2 Complete 1 course  
*CCE 231 - Foundations of Global Leadership 3.0  

requirement 3 Complete 1 course  
WRTG 316 - Technical Communication 3.0  

requirement 4 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 5 Complete 1 course  
Complete one registration of CFM 491 during the next-to-last semester before graduation.  
CFM 491 - Senior Seminar 0.5  

requirement 6 Complete 8 courses  
Emphasis courses:  
CFM 110 - Fundamentals of Facility and Property Management 3.0  
CFM 330 - Advanced Mechanical, Electrical, and Plumbing Systems 3.0
CFM 340 - Operations and Maintenance 3.0  
CFM 400 - Managing High Performance Buildings 4.0  
CFM 420 - Commercial Real Estate Management 4.0  
HRM 402 - Human Resource Management 3.0  
MATH 111 - Trigonometry 2.0  
*STAT 121 - Principles of Statistics 3.0  

requirement 7 Complete 2 courses  
Note: If CFM 494R is chosen, at least 1.0 credit hour must be taken.

CCE 214 - Geomatics 3.0  
CFM 411 - Pre-Construction Services 3.0  
CFM 450 - Virtual Design & Construction 3.0  
CFM 494R - Special Problems in Construction and Facilities Management 3.0v  
FIN 201 - Principles of Finance 3.0  
HRM 300 - Organizational Behavior 3.0  
MKTG 201 - Marketing Management 3.0  

requirement 8 Complete 1 hour from the following course(s)  
Complete 1 credit hour of the following:  
CFM 199R - Technical Internship 1.0  
requirement 9 Complete 1 hour from the following course(s)  
Complete 1 credit hour of the following:  
CFM 399R - Capstone Internship 1.0  

Students must complete 300 hours of pre-approved construction/facilities-related work after declaring the major and must submit a report during the CFM 491 class.

requirement 10  
Complete department packet and exit interview.

THE DISCIPLINE:  
Facility management is the development and management of all types of real estate, facilities, and properties from original design ideas through the life-cycle of the property.  
This emphasis prepares students to manage:  
green/sustainable facilities, commercial/multi-family properties; owner/occupant relations. Graduates combine leadership, financial, real estate investment, facilities and construction knowledge.

ACADEMIC QUALITY:  
Facilities - The program offers a modern and attractive computer facility. It also capitalizes upon the broad expertise of University faculty and integrates course work from several other departments, and the University Physical Plant.  
Special programs - The program enjoys close coordination and cooperation with the national award winning physical plant division of the University. A variety of, internships, and special-problem activities can be arranged to augment the experience.  
Faculty expertise - The program faculty are internationally recognized and have won sever national awards. Because of the broad scope of the program, it incorporates course work from several disciplines and integrates the expertise of University faculty, notably in areas such as the nationally renowned Marriott School of Business and award winning faculty in Construction Management.  
Students enjoy a close advisory relationship with the program coordinator.

PROFESSIONAL AND HONOR SOCIETIES:  
The department sponsors student chapters of the International Facilities Management Association and the Association of Physical Plant Administrators.

INTERNSHIP EXPERIENCES:  
Internships, education and practical experience are all available and are incorporated into the program. There are a variety of internships opportunities through BYU’s physical plant operation as well as with public and private industry.

FINANCING:
Limited scholarships are available. However, the student is able to earn a portion of educational expenses through cooperative education and internships, especially in the later portion of the program.

CAREER OPPORTUNITIES:
The program has had great placement within the construction and facilities industry. Graduates find employment in a variety of construction and facilities industry related positions. Typical BS in Construction and Facilities Management: Facility and Property Management (396531)2022-2023 position titles for the construction emphasis are project engineer, estimator, superintendent, scheduler, general contractor, safety engineer, project manager, project controller, site analyst, etc. Facilities managers are commonly employed by educational institutions, government agencies, manufacturing facilities, health care networks, sports and entertainment entities, real estate brokerage and property management, and all types of general businesses.
Alumni find they are qualified for employment in all types of construction and facilities management and related industries. Graduates are prepare to further their education in architecture, business administration, construction management, facility and property management, law, public administration, and real estate.

GRADUATE SCHOOL:
There are graduate programs available in Public Administration, Business Administration, Engineering, Construction Management, or other related fields at a number of universities. In most cases the employer will sponsor additional required education.

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.

DEPARTMENT INFORMATION
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