



Construction Management Curriculum

Bachelor of Science—8-semester plan

A degree in construction management prepares students for a professional career to become project managers, estimators, project planners, technical trainers, safety officers, site superintendents, product marketing representatives and purchasers. In this program, you will learn the skills needed to become a proficient manager who can guide multi-million dollar projects from concept to completion on time and within budget. The 120-credit hour degree requires the completion of two internships and a minor in business administration—these requirements add valuable administrative skills, field experience and honed technical skills to your resume. Additionally, juniors and seniors whose grade point averages are in the top 20% and meet work experience, extracurricular, and other requirements are eligible for membership in Sigma Lambda Chi, the international Honor Society for Leaders in Construction. The Construction Management baccalaureate degrees (Bachelor of Arts and Bachelor of Science) are accredited by the American Council for Construction Education (ACCE).

Our courses are taught by highly skilled faculty who share their real-world experiences and knowledge with you in the classroom. You will have access to the latest technologies in the construction industry today, placing you at a hiring advantage in the workplace. More specifically, for the past seven years, the job placement rate for Ball State’s construction management graduates has been 100%.

FIRST YEAR

Fall Semester

Introduction to Construction Management (CM 104).....	3
CAD for Construction Management (CM 106).....	3
Rhetoric and Writing (ENG 103).....	3
Brief Calculus (MATH 132 ¹).....	3
The West in the World (HIST 150).....	3

Total Credits 15

Spring Semester

Construction Documents (CM 180).....	3
TIER 1 (Humanities or Fine Arts).....	3
Oral Communication (COMM 210).....	3
Composing Research (ENG 104).....	3
Elementary Microeconomics (ECON 201).....	3

Total Credits 15

¹Prerequisites may be required for some students.

SECOND YEAR

Fall Semester

Site Preparation (CM 200).....	3
Technical Presentation (CM 222).....	3
Mechanical Construction (CM 261).....	3
Elementary Probability Stats (MATH 181 ¹) OR Business Statistics (ECON 221 ¹).....	3
CM Technical Elective (as approved by advisor).....	3

Total Credits 15

Spring Semester

Construction Methods & Materials (CM 250).....	3
Electrical Construction (CM 262).....	3
General Physics 1 (PHYC 110 ¹).....	4
Managing Behavior in Organizations (MGT 300).....	3
Personal Finance (FIN 101).....	1

Total Credits 14

¹Prerequisites may be required for some students.

SUMMER SEMESTER (SECOND YEAR)

Internship in Construction Management (CM 380).....	3	Total Credits 3
---	---	------------------------

THIRD YEAR

Fall Semester

Estimating (CM 320)	3
Planning and Scheduling (CM 355).....	3
Water Resources (NREM 211) OR Soil Res. (NREM 221)	3
General Physics 2 (PHYC 112) OR General Chemistry 1 (CHEM 111).....	4

Total Credits 13

Spring Semester

Structural Mechanics (CM 300).....	3
Ethics in Construction (CM 310).....	3
Construction Safety (CM 365)	3
Construction Project Management (CM 400)	3
TIER 1 (Humanities or Fine Arts)	3

Total Credits 15

SUMMER SEMESTER (THIRD YEAR)

Internship in Construction Management (CM 380)	3	Total Credits 3
--	---	------------------------

FOURTH YEAR

Fall Semester

Introduction to Operations Management (ISOM 251).....	3
Principles of Accounting 1 (ACC 201)	3
Principles of Business Law (BL 260)	3
TIER 2 (Fine Arts/Design/Humanities + writing emphasis)	3
CM Technical Elective (as approved by advisor).....	3

Total Credits 15

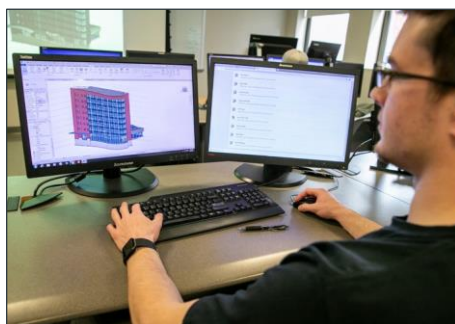
Spring Semester

Construction Finance and Law (CM 420).....	3
Capstone in Construction (CM 460).....	3
TIER 1 Foundation (Physical Wellness)	2
CM Technical Elective (as approved by advisor).....	1
Business Elective (for Business Administration Minor).....	3

Total Credits 12-14

SELECT 7 CREDITS ►
from this list of
CM Technical Electives
(or as approved by advisor)

- Building Information Modeling (CM 206)
- Construction Specifications (CM 280).....
- Special Topics in Construction Management (CM 299X)
- Highway Construction 1 (CM 302).....
- Sustainable Construction (CM 315).....
- Independent Study in Construction Management (CM 490).....



**BALL STATE
UNIVERSITY**

R. Wayne Estopinal
College of Architecture
and Planning

For information on programs and requirements about **Construction Management**, contact Karen Spangler, the Upper Division Academic Advisor for the program, email kgspangler@bsu.edu or call 765-285-5643. For detailed course information, consult the [Ball State University Undergraduate Catalog](#).

The information presented here, correct at the time of publication, is subject to annual review. Ball State University practices equal opportunity in education and employment and is strongly and actively committed to diversity within its community. Revised 25MAY2021