

"C--" or better required in all major courses and all courses that are a prerequisite to a BCM course

Building Construction Management Major Courses (59 credits)

- _____ (3) BCM 10001 Introduction to Construction (Satisfies Science, Technology & Society selective for core.)
- _____ (4) BCM 17500 Construction Materials and Methods
- _____ (2) BCM 11201 Construction Surveying Fundamentals
- _____ (3) BCM 21200 Construction Layout
- _____ (3) BCM 21500 Mechanical Construction
- _____ (3) BCM 27500 Construction Plans and Measurements
- _____ (2) BCM 25001 Construction Project and Administrative Management
- _____ (2) BCM 21601 Electrical Construction
- _____ (4) BCM 28500 Construction Mechanics
- _____ (2) BCM 30101 Introduction to Construction Company and Financial Management
- _____ (3) BCM 34500 Scheduling
- _____ (3) BCM 35000 Construction Site Planning
- _____ (2) BCM 35501 Construction Site Supervision
- _____ (3) BCM 37500 Estimating
- _____ (3) BCM 38000 Concrete Construction
- _____ (2) BCM 38501 Soils In Construction
- _____ (3) BCM 45500 Construction Business and Contracts
- _____ (3) BCM 45701 Construction Safety
- _____ (3) BCM 47500 Construction Costs
- _____ (3) BCM 48701 Construction Capstone
- _____ (3) BCM Elective (any other BCM class for BCM Majors or CGT 36000 or CGT 46000 or CGT 46200)

Other Departmental/Program Course Requirements (58 credits)

- _____ (3) ECON 21000 Principles of Economics or AGECE 21700 Economics (*can satisfy Human Cultures Behavioral/Social Science selective for core*)
- _____ (3) Human Foundations Elective (*satisfies Human Culture - Humanities for core*) see approved list at <http://www.purdue.edu/provost/initiatives/curriculum/course.html>
- _____ (3) TECH 12000 Design Thinking in Technology (*satisfies Information Literacy Selective as well as the Science, Technology and Society Selective for core*)
- _____ (4) PHYS 21800 General Physics (*satisfies one Science Selective for core*)
- _____ (4) Science Lab Selective (*satisfies second Science Selective for core*)- See Approved BCM List
- _____ (3) English First Year Composition Selective: See list of approved selectives on previous pages (*satisfies Written Communication for core*)
- _____ (3) COM 11400 Fundamentals of Speech Communication (*satisfies Oral Communication for core*)
- _____ (3) MA 15800 Pre-Calculus – Functions & Trigonometry (*can satisfy Quantitative Reasoning Selective for core*)
- _____ (2) CGT 16400 Graphics for Civil Engineering & Construction
- _____ (3) MA 16010 Applied Calculus I (*can satisfy Quantitative Reasoning Selective for core*)
- _____ (3) OLS 27400 Applied Leadership
- _____ (3) MGMT 20010 Introductory Accounting for Non-Majors
- _____ (3) MGMT 45500 Legal Background for Business I
- _____ (3) English selective (ENGL 42000 or STAT 30100 or STAT 22500 or ENTR 20000 or MGMT 32300 or MGMT 20100 or OBHR 30000)
- _____ (3) Business Selective (IT 34200 or STAT 30100 or STAT 22500 or ENTR 20000 or MGMT 32300 or MGMT 20100 or OBHR 30000)
- _____ (3) Communication Selective (AGECE 33100 or COM 31400 or COM 31500 or COM 31800 or COM 32000 or COM 32400 or COM 32500 or COM 41500 or a Foreign Language)
- _____ (3) Human Relations Selective (PSY 12000 or SOC 10000 or OLS 25200 or OLS 28400 or OLS 38600)
- _____ (3) Global Selective (TECH 33000, Study Abroad, or other global courses listed on previous pages)
- _____ (3) Technical Elective: Any course within the Colleges of Technology, Engineering, Management or approved course.

Electives (3 credits)

(3) **Free**

*******University Core Requirements*******

| | | | | | |
|--|--------------------------|----------------------------|-------------------------------|--------------------------|--|
| Human Cultures - Humanities | <input type="checkbox"/> | UCC <u>Selective</u> | Science, Technology & Society | <input type="checkbox"/> | BCM 10001 or <u>TECH 12000</u> |
| Human Cultures - Behavioral/Social Science | <input type="checkbox"/> | Econ 2100 or Agec 21700 | Written Communication | <input type="checkbox"/> | See BCM's list |
| Information Literacy | <input type="checkbox"/> | <u>TECH 12000</u> | Oral Communication | <input type="checkbox"/> | <u>COM 11400</u> |
| Science Selective | <input type="checkbox"/> | Phys 21800 | Quantitative Reasoning | <input type="checkbox"/> | MA 153 or MA 15800 or <u>MA 16010</u> |
| Science Selective | <input type="checkbox"/> | See BCM's <u>list</u> | | | |

**The student is ultimately responsible for knowing and completing all degree requirements.
MyPurdue Plan is knowledge source for specific requirements and completion.**

120 Total Credit Hours

| Cr | Fall 1st Year | Prerequisite | Cr | Spring 1st Year | Prerequisite |
|-----------|---|--------------|-----------|---|--|
| 3 | BCM 10001 Intro to Construction | | 4 | BCM 17500 Construction Materials and Methods | BCM 10001 and MA15300 or MA 15800, Major/Minor |
| 2 | CGT 16400 Graphics for CE & Construction | Major | 2 | BCM 11201 Construction Surveying Fundamentals | MA 15800, Major |
| 3 | *MA 15800 Pre---Calculus – Functions & Trigonometry | ALEKS 60+ | 3 | *MA 16010 Applied Calculus I | ALEKS 75+ or MA 15800 |
| 3 | *English First Year Composition Selective | | 3 | OLS 27400 Applied Leadership | |
| 3 | *TECH 12000 Design Thinking in Technology | Major | 3 | *COM 11400 Fundamentals of Speech Communication | |
| 14 | | | 15 | | |

| Cr | Fall 2nd Year | Prerequisite | Cr | Spring 2nd Year | Prerequisite |
|-----------|---|-----------------------|-----------|---|-----------------------|
| 3 | BCM 21200 Construction Layout | BCM 11201 | 2 | BCM 25001 Construction Project & Admin Mgmt. | BCM 17500 |
| 3 | BCM 21500 Mechanical Construction | BCM 17500 | 2 | BCM 21601 Electrical Construction | BCM 17500 |
| 3 | BCM 27500 Construction Plans & Measurements | BCM 17500 & CGT 16400 | 4 | BCM 28500 Construction Mechanics | MA 16010 & PHYS 21800 |
| 4 | *PHYS 21800 General Physics | | 3 | MGMT 20010 Introductory Acctg. for Non---Majors | |
| 3 | Human Relations Selective | | 4 | *Lab Science Selective | |
| 16 | | | 15 | | |

| Cr | Fall 3rd Year | Prerequisite | Cr | Spring 3rd Year | Prerequisite |
|-----------|----------------------------------|--|-----------|--|-----------------|
| 3 | BCM 34500 Scheduling | Prereq or CoReq BCM 37500 | 2 | BCM 30101 Construction Company & Financial Mgmt. | MGMT 20010 |
| 3 | BCM 37500 Estimating | BCM 21500, BCM 21601, BCM 25001, BCM 27500 | 3 | BCM 35000 Construction Site Planning | BCM 27500 |
| 3 | Technical Elective | | 2 | BCM 38501 Soils in Construction | BCM 28500 |
| 3 | BCM 38000 Concrete Construction | BCM 28500 | 3 | BCM 45701 Construction Safety | Junior Standing |
| 3 | *Humanities Foundation Selective | | 3 | Free Elective | |
| | | | 3 | MGMT 45500 Legal Background for Business I | |
| 15 | | | 16 | | |

| Cr | Fall 4th Year | Prerequisite | Cr | Spring 4th Year | Prerequisite |
|-----------|--|----------------------|-----------|---------------------------------|---|
| 2 | BCM 35501 Construction Site Supervision | BCM 35000, OLS 27400 | 3 | BCM 48701 Construction Capstone | Prereq BCM 34500, BCM 35501, BCM 45500 CoReq: BCM 47500 |
| 3 | BCM 47500 Construction Costs | BCM 37500 | 3 | Global Selective | |
| 3 | BCM 45500 Construction Business & Contracts | Senior Standing | 3 | BCM Elective | |
| 3 | English Selective | ENGL 10600 | 3 | Business Selective | |
| 3 | *ECON 21000 Principles of Economics or AGECE 21700 Economics | | 3 | Communication Selective | COM 11400 |
| 14 | | | 15 | | |

*Satisfies a University Core Requirement

Students must earn a "C-" or better in all BCM courses and all prerequisites for BCM courses.

120 semester credits required for Bachelor of Science degree.

2.0 Graduation GPA required for Bachelor of Science degree.

Any course taken at Purdue can be attempted no more than three times (inclusive of W, WF, WN, and IF)

The student is ultimately responsible for knowing and completing all degree requirements.

myPurduePlan is knowledge source for specific requirements and completion
