

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

Construction Management Major Courses (65 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 32000 Introduction to Disaster Restoration & Reconstruction Management
- (3) BCM 33000 Introduction to Demolition & Reconstruction Project Management
- (3) BCM 33100 Demolition & Restoration Project 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

Other Departmental/Program Course Requirements (55 credits)

- (3) ECON 21000 Principles of Economics or AGECE 21700 Economics (*satisfies Human Cultures Behavioral/Social Science selective for core*)
- (3) Human Foundations Elective (*satisfies Human Culture - Humanities for core*) see attached approved list.
- (3) TECH 12000 Design Thinking in Technology (*satisfies Information Literacy Selective & 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 ENGL 42100 or ENGL 49000 or ENGL 30400)
- (3) Business Selective (IT 34200 or STAT 30100 or STAT 22500 or ENTR 20000 or MGMT 32300 or MGMT 20100 or MGMT 44301)
- (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 TLI 11200 or OLS 28400 or TLI 25400)
- (3) Global Selective (TECH 33000, Study Abroad, or other global courses listed)

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

Human Cultures - Humanities	UCC Selective	Science, Technology & Society	BCM 10001 or TECH 12000
Human Cultures -Behavioral/Social Science	ECON 2100 or AGECE 21700	Written Communication	See BCM's list
Information Literacy	TECH 12000	Oral Communication	COM 11400
Science Selective	PHYS 21800	Quantitative Reasoning	MA 153 or MA 15800 or MA 16010
Science Selective	See BCM's list		

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

Demolition & Restoration Management in the Built Environment (DRMB) Major School of Construction Management Technology

<https://polytechnic.purdue.edu/degrees/building-construction-management/plan-of-study>

Accredited by the American Council for Construction Education (ACCE)

120 Total Credit Hours

Cr	Fall 1st Year	Prerequisite	Cr	Spring 1st Year	Prerequisite
3	*BCM 10001 Intro to Construction ^{CC}		4	BCM 17500 Construction Materials and Methods ^{CC}	BCM 10001 and MA15300 or MA 15800, Major/Minor
2	CGT 16400 Graphics for CE & Construction ^{CC}	Major	2	BCM 11201 Construction Surveying Fundamentals ^{CC}	MA 15800, Major
3	*MA 15800 Pre-Calculus – Functions & Trigonometry ^{CC}	ALEKS 60+ or MA 15300	3	*MA 16010 Applied Calculus I ^{CC}	ALEKS 75+ or MA 15800
3	*English 1 st Year Comp. Selective		4	*PHYS 21800 General Physics ^{CC}	
3	*TECH 12000 Design Thinking in Technology	Major	3	*COM 11400 Fundamentals of Speech Communication	
14			16		

Cr	Fall 2nd Year	Prerequisite	Cr	Spring 2nd Year	Prerequisite
3	BCM 21200 Construction Layout ^{CC}	BCM 11201	2	BCM 25001 Construction Project & Admin Mgmt. ^{CC}	BCM 17500
3	BCM 21500 Mechanical Construction ^{CC}	BCM 17500	2	BCM 21601 Electrical Construction ^{CC}	BCM 17500
3	BCM 27500 Construction Plans & Measurements ^{CC}	BCM 17500 & CGT 16400	4	BCM 28500 Construction Mechanics ^{CC}	MA 16010 & PHYS 21800
3	OLS 27400 Applied Leadership		3	MGMT 20010 Introductory Acctg. for Non-Majors ^{CC}	
3	Human Relations Selective		4	*Lab Science Selective	
15			15		

Cr	Fall 3rd Year	Prerequisite	Cr	Spring 3rd Year	Prerequisite
3	BCM 34500 Scheduling ^{CC}	Prereq or CoReq BCM 37500	2	BCM 30101 Construction Company & Financial Mgmt. ^{CC}	MGMT 20010
3	BCM 37500 Estimating ^{CC}	BCM 21500, BCM 21601, BCM 25001, BCM 27500	3	BCM 35000 Construction Site Planning ^{CC}	BCM 27500
3	BCM 32000 Intro to Disaster Restoration & Reconstruction Mgmt. ^{CC}	Junior Standing	2	BCM 38501 Soils in Construction ^{CC}	BCM 28500
3	BCM 38000 Concrete Construction ^{CC}	BCM 28500	3	BCM 45701 Construction Safety ^{CC}	Junior Standing
3	*Human Foundations Elective		3	BCM 33000 Intro to Demolition & Reconstruction Management ^{CC}	
			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 ^{CC}	BCM 35000, OLS 27400	3	BCM 48701 Construction Capstone ^{CC}	Prereq BCM 34500, BCM 35501, BCM 45500 CoReq: BCM 47500
3	BCM 47500 Construction Costs	BCM 37500	3	Global Selective	
3	BCM 45500 Construction Company Management ^{CC}	Senior Standing	3	Advanced English Selective	ENGL 10600
3	BCM 33100 Demolition & Restoration Proj Mgmt	BCM 33000 BCM 35000	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

SUPPLEMENTAL CM INFORMATION

Note: An assumption is made that some students are already proficient in Microsoft Office – Excel, PowerPoint, Word and Access. If not, the student may want to consider taking CS 11000 or CS 23500, which can be used towards the Lab Science Selective.

***Note:** Students may have to take MA 15300 (Algebra & Trigonometry I – 3 credits) first, depending on their math readiness. The pre-requisite for MA 15800 is an ALEKS score of at least 60 or a grade of C- or better in MA 15300 or a Math SAT score of at least 550 or ACT Math 21 or higher.

ENGLISH COMPOSITION FIRST YEAR SELECTIVE: Any course from the following:

ENGL 10600, or ENGL 10800, or ENGL 10100, or ENGL 10200, or ENGL 10300, or ENGL 10400, or ENGL 10500, or ENG W1310, or ENG W1400, or ENG W2330.

HUMAN RELATIONS SELECTIVE:

PSY 12000 Elementary Psychology

SOC 10000 Introductory Sociology

TLI 11200 Foundations of Organizational Leadership

OLS 28400 Leadership Principles

TLI 25400 Leading Change in Tech Orgs.

COMMUNICATION SELECTIVE:

Credit in a Foreign Language

COM 31400 Advanced Public Speaking

COM 31500 Speech Communication of Technical Information

COM 31800 Principles of Persuasion

COM 32000 Small Group Communication

COM 32400 Introduction to Organizational Communication

COM 32500 Interviewing: Principles and Practice

COM 41500 Discussion of Technical Problems

AGEC 33100 Principles of Selling in Agricultural Business

LAB SCIENCE SELECTIVE: 4 credits in this area are needed for graduation. The courses listed below in bold are 4 or more credit hour courses. You may take two of the 3 credit hour courses instead of one 4 credit hour course. The course(s) must have a lab component. It must not have an online lab component, unless it is a computer class. You must meet all course pre-requisites.

At least one class must be chosen from the following:

Chemistry - CHM 11100, CHM 11200, **CHM 11500, CHM 11600, CHM 12500, CHM 12600, CHM 13600**, CHM 20000

Earth, Atmospheric, and Planetary Sciences - EAPS 11100, EAPS 11200

Physics - **PHYS 21900, PHYS 22100, PHYS 27200**

If taking two 3 credit hour courses, you may choose the second course from the above list or from among the following:

Computer Graphics Technology (CGT) courses: CGT 11000, CGT 11600, CGT 14100, CGT 21100, CGT 21600. (NOT ACCEPTED: CGT 16400, CGT 26200, CGT 36000, CGT 46000, CGT 46200).

Computer and Information Technology courses with a lab such as CNIT 15500, CNIT 17500, CNIT 18000

Computer Science course with a lab such as CS 11000 or CNIT 13600, CS 15800, **CS 17700, CS 18000**, CS 23500

Other courses may apply, see academic advisor.

BUSINESS SELECTIVE:

IT 34200 Introduction To Statistical Quality

STAT 22500 Introduction To Probability Models

STAT 30100 Elementary Statistical Methods

ENTR 20000 Introduction To Entrepreneurship & Innovation

MGMT 20100 Management Accounting I

MGMT 32300 Introduction To Market Analysis

MGMT 44301 Management of Human Resources

GLOBAL SELECTIVE: TECH 33000, or Study Abroad, or any of the following courses:

AD 22600 History Of Art To 1400

AD 25500 Art Appreciation

AD 45400 Modern Architecture

AGEC 25000 Econ. Geography Of World Food

ANTH 10000 Introduction To Anthropology

ANTH 20500 Human Cultural Diversity

ANTH 21200 Culture, Food, and Health

EAPS 10000 Planet Earth

EAPS 12000 Intro to Geography

EAPS 37500 Fossil Fuels, Energy, and Society

EEE 35500 Eng Environmental Sustainability

ENGL 23000 Great Narrative Works

ENGL 24000 British Lit Through 18th Century

ENGL 24100 Brit Lit From Romantic. to Modern

HIST 37500 US Women Since 1870

JPNS 28000 Intro to Modern Japanese Civilization

JWST 33000 Intro to Jewish Studies

LC 23500 East Asian Literature

LC 23900 Contemporary Foreign Women Writers

MUS 25000 Music Appreciation

PHIL 11400 Global Morals Issues

GLOBAL SELECTIVE (continued)

ANTH 23000 Gender Across Cultures

ANTH 31200 The Archaeology of Ancient Egypt

ENGL 25700 Literature of Black America

ENGL 26600 World Literature to 1700 A D

PHIL 20600 Philosophy of Religion

PHIL 21900 Intro to Existentialism

ANTH 32700	Environment and Culture	ENGL 26700	World Literature 1700 to now	PHIL 22500	Philosophy of Woman
ANTH 33600	Human Variation	ENGL 34100	Topics in Sci, Lit, and Culture	PHIL 24000	Social and Political Philosophy
ANTH 33700	Human Diet	ENGL 35800	Black Drama	PHIL 24200	Phil, Culture, and African American Exp.
ANTH 38000	Using Anthropology in the World	ENGL 36000	Gender and Literature	PHIL 27000	Biomedical Ethics
ARAB 23000	Arabic Literature in Translation	FNR 10300	Intro to Environm. Conservation	PHIL 29000	Environmental Ethics
ASAM 24000	Intro to Asian American Studies	HDFS 28000	Diversity in Individ. & Family Life	PHIL 33000	Religions of the East
ASAM 34000	Contemp. Issues in Asian America	HEBR 28000	Modern Israel: Cinema, Lit, ect.	PHIL 33100	Religions of the West
CHNS 28000	Topics in Chinese Civiliz. & Culture	HEBR 28400	Ancient Near E Hist and Culture	POL 13000	Intro to International Relations
CLCS 18100	Classical World Civilizations	HIST 10300	Intro to the Medieval World	POL 14100	Governments of the World
CLCS 23100	Survey of Latin Literature	HIST 10400	Intro to the Modern World	POL 22200	Women, Politics and Public Policy
CLCS 23200	Classical Roots of English Words	HIST 10500	Global History	POL 22300	Intro to Environmental Policy
CLCS 23300	Comparative Mythology	HIST 24100	East Asia Modern World	POL 23000	Intro to the Study of Peace
CLCS 28000	Topics in Classic Civilizations	HIST 25000	US Relatns, Mid. East and N. Africa	POL 23100	Intro to U S Foreign Policy
CLCS 38500	Sci, Med, and Magic in Ancient West	HIST 27200	Latin American from 1824	POL 23500	Rich and Poor Nations
CMPL 23000	Intro to Comparative Literature	HIST 31700	History of the Christian Church I	POL 23700	Modern Weapons & Internationl Relatns
CMPL 26600	World Lit to 1700 A D	HIST 32900	Women in Modern Europe	POL 32700	Green Global Politics
CMPL 26700	World Lit from 1700 to now	HIST 33400	Sci & Tech in West Civilization II	POL 34800	East Asian Politics
COM 22400	Com in the Global Workplace	HIST 35100	Second World War	Study Abroad Experience	
COM 30300	Intercultural Communication	HIST 36100	Violence in Africa	Foreign Language - in class only	

HUMAN FOUNDATIONS SELECTIVE

AAS 27100	Intro to African American Studies	HEBR 10100, 10200, 20100, 20200	Modern Hebrew Levels I-IV	ITAL 28100	The Italian Renaissance
AD 11300	Basic Drawings	HEBR 12100, 12200, 22100, 22200	Biblical Hebrew Levels I-IV	ITAL 33000	Italian Cinema
AD 11700	Photography I	HEBR 28000	Modern Israel	ITAL 33300	The Spirit of Italian Comedy
AD 12500	Intro to Interior Design	HIST 10300	Intro to the Medieval World	ITAL 38000	Italian Culture & Civilization
AD 22600	History of Art to 1400	HIST 10400	Intro to the Modern World	JPNS 10100, 10200, 20100, 20200, 30100, 30200, 40100, 40200	Japanese Levels I-VIII
AD 22700	History of Art since 1400	HIST 10500	Survey of Global World	JWST 33000	Introduction to Jewish Studies
AD 24200	Ceramics I	HIST 15100	American History to 1877	LATN 10100, 10200, 20100, 20200	Latin Levels I-IV
AD 25100	History of Photography	HIST 15200	United States since 1877	LATN 34300	Roman Oratory
AD 25500	Art Appreciation	HIST 21000	The Making of Modern Africa	LATN 34400	Roman Epic
AD 26500	Relief Printmaking	HIST 21100	The Global Field: World Soccer and Global History	LATN 34500	Roman Elegy
AD 26600	Silkscreen Printmaking	HIST 23800	History of Russia from Medieval Times to 1861	LATN 34600	Roman Rhetoric
AD 27500	Beginning Sculpture	HIST 24000	East Asia and Its Historic Tradition	LATN 34700	Roman Comedy
AD 38300	Modern Art	HIST 24100	East Asia in the Modern World	LATN 44200	Roman Lyric Poetry

HUMAN FOUNDATIONS SELECTIVE Continued

AD 38400	Contemporary Art	HIST 24300	South Asian History and Civilizations	LATN 44400	Roman Philosophers
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AMST 20100	Intro to American Studies	HIST 24500	Middle East History and Culture	LATN 44500	Roman Encyclopedists
ARAB 10100, 10200, 20100, 20200, 30100, 30200	Standard Arabic Levels I-VI	HIST 24600	Modern Middle East and North Africa	LATN 44600	Roman Historians
ARAB 28000	Arabic Culture	HIST 25000	U. S. Relations with the Middle East and North Africa	LC 23900	Contemporary Foreign Women Writers in Translation
ASL 10100, 10200, 20100, 20200	American Sign Language I-IV	HIST 27100	Latin American History to 1824	LC 33300	The Middle Ages on Film
CHNS 10100, 10200, 20100, 20200, 30100, 30200, 40100, 40200	Chinese Levels I-VIII	HIST 27200	Latin American History from 1824	MUS 25000	Music Appreciation
CLCS 23010	Survey of Greek Literature in Translation	HIST 30400	America in the 1960s	MUS 26100	Fundamentals of Music
CLCS 23100	Survey of Latin Literature	HIST 30505	The U. S. in the World 1898-present	MUS 36100	Music Theory I
CLCS 23200	Classical Roots of English Words	HIST 31005	The Civil War and Reconstruction, 1850-1877	MUS 37800	Jazz History
CLCS 23300	Comparative Mythology	HIST 32300	German History	PHIL 11100	Ethics
CLCS 23500	Classical Mythology	HIST 32400	Modern France	PHIL 11000	Introduction to Philosophy
CLCS 23700	Gender & Sexuality in Greek and Roman Antiquity	HIST 34400	History of Modern Japan	PHIL 11400	Global Moral Issues
CLCS 23800	The Tragic Vision	HIST 35100	The Second World War	PHIL 23000	Religions of the East
CLCS 23900	The Comic Vision	HIST 35400	Women in America to 1870	PHIL 23100	Religions of the West
CMPL 26600	Intro to World Lit Beg - 1600	HIST 37100	Society, Culture, and Rock and Roll	PHIL 29000	Environmental Ethics
CMPL 26700	World Lit from 1700 to the present	HIST 37500	Women in America since 1870	PTGS 10100, 10200, 20100, 20200, 30100, 30200	Portuguese Levels I-VI
DANC 25000	Dance Appreciation	HIST 37700	History and Culture of Native America	PTGS 10500	Accelerated Portuguese
EDST 20000	History & Philosophy of Education	HIST 38001	History of U. S. Agriculture	REL 20000	Introduction to Study of Religion
ENGL 23000	Great Narrative Works	HIST 38200	American Constitutional History	REL 23000	Religions of the East
ENGL 23800	Intro to Fiction	HIST 38300	Recent American Constitutional History	REL 23100	Religions of the West
ENGL 25000	Great American Books	HIST 39400	Environmental History of the United States	RUSS 10100, 10200, 20100, 20200, 30100, 30200, 40100, 40200	Russian Levels I-VIII
ENGL 26700	World Lit from 1700 to the present	HIST 39800	The Afro-American since 1865	RUSS 28100	Post Soviet Experience
ENGL 27600	Shakespeare on Film	ITAL 10100, 10200, 20100, 20200, 30100, 30200	Italian Levels I-VI	RUSS 33000	Russian and East European Cinema
ENGL 28600	The Movies	ITAL 10500	Accelerated Basic Italian	SPAN 10100, 10200, 20100, 20200, 30100, 30200, 40100, 40200	Spanish Levels I-VIII
FR 10100, 10200, 20100, 20200, 30100, 30200, 40100, 40200	French Levels I-VIII	HIST 39600	The Afro-American to 1865	SPAN 23500	Spanish American Literature in Translation

HUMAN FOUNDATIONS SELECTIVE Continued

FR 33000	French Cinema	HIST 39800	The Afro-American since 1865	SPAN 30500	Spanish for Heritage Speakers
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GER 10100, 10200, 20100, 20200, 30100, 30200, 40100, 40200	German Levels I-VIII	ITAL 10100, 10200, 20100, 20200, 30100, 30200	Italian Levels I-VI	SPAN 30801	Advanced Spanish for Heritage Speakers
GER 23000	German Literature in Translation	ITAL 10500	Accelerated Basic Italian	SPAN 33000	Film in Spain and Hispanic America
GER 33000	German Cinema	ITAL 20500	Accelerated Intermediate Italian	THTR 20100	Theater Appreciation
GREK 10100, 10200, 20100, 20200	Ancient Greek Levels I-IV	ITAL 28000	Italian Culture & Civilization	WGSS 28000	Intro to Women's Studies

ADVANCED ENGLISH SELECTIVE

ENGL 42000 Business Writing
ENGL 42100 Technical Writing

ENGL 30400 Advanced Composition
ENGL 49000 Worksite Internship Practicum

CONSTRUCTION WORK EXPERIENCE

A minimum of 800 hours of post high school construction work experience is required for graduation with a baccalaureate degree. Summer construction jobs, BCM internships, or BCM Co-op programs may be used to satisfy this requirement. To document your work hours, go to the CM website and look for Work Experience Folder. That will bring up a PDF file with directions for you to follow. Concentrations require 400 hours of work experience within the concentration.

PROGRESSION POLICY

Students must meet the following requirements to progress in the BCM major. Failure to meet these standards will require the student to CODO out of the BCM Department. BCM majors must earn a grade of "C-" or better in all BCM courses and all courses that are a prerequisite to a BCM course. The "C-" grade must be earned before enrolling in subsequent courses. BCM courses can be repeated only once.

Appeal

Students that are not allowed to continue with BCM courses due to the Progression Policy may make a written appeal to the Head of the School of Construction Management Technology if they believe there are extenuating circumstances that caused them to be dropped from the department.

Departmental Policy

It is the responsibility of each student to assure that he or she fulfills the necessary pre-requisites and courses to meet graduation requirements. Questions may be directed to a CM advisor.

Organizational Leadership & Supervision Minor

- TLI 11200 Foundations of Organizational Leadership
- OLS 27400 Applied Leadership (a required course for BCM)
- OLS 28400 Leadership Principles
- TLI 25400 Leading Change in Tech Orgs.

Note: TLI 11200, OLS 28400, or TLI 25400 can fulfill the Human Relations Selective.

Computer Graphics (BIM) Minor

- CGT 16400 Graphics for CE & Construction (required for BCM)
- CGT 36000 Applications of Construction Documentation I (Spring only)
- CGT 46000 Building Information Modeling (BIM) For Commercial Construction (Spring only)
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- CGT 46200 Applications of Construction Documentation II (Fall only)
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Entrepreneurship Certificate for CM Students

- ENTR 20000 Introduction to Entrepreneurship and Innovation
- ENTR 31000 Mktg Mgmt for New Ventures
- ENGL 42000 Business Writing (Entrepreneurship Section) or AGEK 33100 Principles of selling on Agricultural Business or COM 31400 Advanced Public Speaking
- BCM 45500 Construction Business and Contracts
- BCM 48701 Construction Capstone