

CONSTRUCTION MANAGEMENT (B.S.)

The B.S. in Construction Management is an interdisciplinary program grounded in discipline-based workforce development and the liberal arts. It is comprised of core courses drawn from Architecture, Business Management, Construction Management and Safety with additional ISP courses in Communication, Math and Physics. This program prepares students for life and work with a focus on a career in the construction industry. It specifically prepares students for a leadership role in the design/build process as a Construction Manager.

Integrative Studies Requirements

Minimum 40 credits

Code	Title	Credits	Completed
Major Requirements (64 credits)			
<i>Core Courses (52 Credits)</i>			
ARCH-180	Intro Arch Design	4	_____
ARCH-270	Commercial Construction	4	_____
ARCH-370	Architectural Systems	4	_____
CMGT-300	Construction Management I	4	_____
CMGT-400	Construction Management II	4	_____
MGT-101	Introduction to Management (C or better is required)	4	_____
MGT-140	Quantitative Decision-Making	4	_____
MGT-215	Accounting for Decision Making	4	_____
MGT-301	Org Theory & Behavior	4	_____
MGT-380	Project MGT Fundamentals	4	_____
SAFE-202	Occupational Safety	4	_____
SAFE-205	Construction Methods	4	_____
SAFE-216	Safety Standards & Regulations	4	_____
Select one of the following:		4	_____
CMGT-330	Prevention Through Design		_____
CMGT-497	Construction MGT Internship		_____
<i>Allied Courses (8 Credits)</i>			
IHCOMM-171	Public Speaking	4	_____

MATH-111	Applied College Algebra (or Higher level MATH course excluding MATH-141 and MATH-135)	4	_____
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Total Credits	64	_____
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Electives

Select courses to reach a total of 120 credits for the degree.

Degree Requirements

120 credits

40 credits at the upper-level

Upon completion of the Construction Management B.S. degree, students will be able to:

- Understand and apply key concepts in construction management, for example, architectural design, construction management processes and methods, materials selection, planning, estimating, scheduling, construction law and contract administration, project management, accident prevention, health and safety standards, and risk management.
- Problem-solve, conceptualize, plan for, make sound judgements about, organize, manage, control and execute complex construction management projects while considering environmental, social and economic impacts.
- Understand fundamental concepts of effective supervision of personnel and the dynamics of organizational theory and behavior.
- Utilize relevant technology and software for construction design and graphics and project management, for example, architectural rendering, graphic and computer aided drafting (CAD) applications and project management software.
- Make effective visual and oral presentations.
- Understand the expectations and ethics for professionals in the construction management industry.
- Explore pathways for career and/or advanced education in construction management related fields.