

URBAN CONSTRUCTION MANAGEMENT

DEPT. CIVIL & ENVIRONMENTAL ENGINEERING
Engineering Building
Room EN 810

✉ ucm@uno.edu
➔ ucm.uno.edu

WHY CONSTRUCTION MANAGEMENT:

The rapid speed and widespread extent of urbanization will demand amplified basic services for the citizens including affordable housing, reliable water, wastewater, and storm water management systems, well-planned transportation provisions, and other efficient civil infrastructure utilities. The B.S. in Urban Construction Management degree at the University of New Orleans provides a holistic approach to urban construction management and includes courses in engineering, management, history and urban studies.



Photo courtesy of Palmisano

PROGRAM HIGHLIGHTS:

- ▶ Focuses on urban industrial, commercial, and residential development coupled with rehabilitation and restoration of existing municipal infrastructures and historic preservation
- ▶ Curriculum includes courses in engineering, business management, history, and urban studies
- ▶ Degree can be obtained over a 4-year period by completing 120 credit-hour of academic work
- ▶ Hands-on industry internship opportunity with local construction companies
- ▶ Integration of innovative technology in curriculum: BIM, AutoCAD, Revit, and Drone Technology

The program will be accredited by American Council for Construction Education (ACCE)

PROGRAM STATS

Over 3.6 billion people live in urban areas, equating to 50% of the global population. By 2045, the world's urban population is estimated to increase by 1.5 times to 6 billion people.

Employment of construction managers is projected to grow 11% from 2016 to 2026, faster than the average for all occupations, according to the Bureau of Labor Statics.

(data as of January 2020)



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STUDENT LEARNING OUTCOMES:

Upon completing the B.S. in Urban Construction Management degree from the University of New Orleans, the student will be able to:

- ▶ Describe different urban residential and commercial construction techniques;
- ▶ Evaluate sustainability principles in planning, design and construction of an urban construction project;
- ▶ Manage an urban construction project effectively; and
- ▶ Formulate restoration plan and manage rehabilitation of a historic construction.

ADMISSION REQUIREMENTS:

FIRST-TIME FRESHMEN

- ▶ The minimum requirement of the admission of UNO will satisfy the requirements of the admission requirements of UCM program as First-time freshmen.
- ▶ All in-state applicants are required to have a high school core GPA of 2.5 or higher on scale based on the Regents' Core (Core 4 or TOPS university curriculum). Test score requirement are as follows:

	ACT	SAT
Math	19	510
English	18	500 (Evidence-based Reading & Writings)

TRANSFER STUDENTS

Students transferring from another university or college are considered transfer Students. The following admission regulations apply to transfer students:

1. Students transferring into UCM program must have earned a C or better in all courses expected to be transferred for curriculum credit.
2. Transfer students with fewer than 24 transferable hours must meet the first-time freshman UCM requirements. In addition, they:
 - a. Must have earned at least a 2.00 Transfer GPA on all coursework, and,
 - b. Satisfy all other university admission standards.

URBAN CONSTRUCTION RELATED COURSES:

- Urban Architectural Design in Construction
- Urban Construction Techniques and Methods
- Advanced Structure
- Soils and Equipment
- Construction Materials Lab
- Construction Codes, Documents, and Specifications
- Construction Estimating
- Construction Scheduling
- Construction Safety Regulations
- Historic Structures Restoration and Preservation
- Construction Law and Contracts
- Sustainable Construction Techniques and Green Building
- MEP Construction
- Computer Applications in Construction



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