CONSTRUCTION PROJECT MANAGEMENT MINOR (ENGR)

A. James Clark School of Engineering
1173 Glenn L. Martin Hall
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School of Architecture, Planning and Preservation
Architecture Building
Phone: 301-405-8000

Program Director: Qingbin Cui, Ph.D., cui@umd.edu

A minor in Construction Project Management will prepare students for employment in one of the many careers related to the built environment, such as project management, architectural engineering, design and commercial construction. Students will learn how to manage multiple phases of operation and management in the construction process including building information modeling, cost estimating, project scheduling, construction financing and planning. The Construction Project Management minor is ideal for students in Architecture, Engineering and similar fields. This minor is designed to give students a competitive advantage when applying for a job in the construction industry.

Admission Requirements

This minor is only available to undergraduate students in the A. James Clark School of Engineering and the School of Architecture, Planning and Preservation who have earned at least 60 credit hours (Junior standing), and have a cumulative University of Maryland GPA of 3.0 or higher.

Application Process

Interested students must complete an application to the minor, and obtain approval from their major advisor and the CPM minor advisor for their school. Students can obtain an application from their major advisor or go to: http://pm.umd.edu/program/cpm-minor/ for an online copy.

For more information about this minor, please contact the advisor associated with your College/School:

- Engineering – CPM Minor Advisor: Dr. Qingbin Cui, cui@umd.edu
- Architecture – CPM Minor Advisor: Maoqing Wang, mwang110@umd.edu

REQUIREMENTS

The Minor in Construction Project Management consists of 15 credit hours. Students must complete 5 of the following courses with a grade of "C-" or better and have a minimum 2.0 GPA for the minor. Students must also complete an internship in the construction industry.

Course	Title	Credits
Required Courses		
ENCE325	Introduction to Construction Project Management [1]	3
ENCE423	Project Planning, Estimating & Scheduling [1]	3
ENCE424	Communication for Project Managers [2]	3
ENCE426	Construction Documentation and BIM Applications in Engineering and Construction [1]	3
or ARCH472	Building Information Modeling Communication and Collaboration	
Electives		
Select one of the following:		3
ENCE420	Selection and Utilization of Construction Equipment [3]	
ENCE421	Legal Aspects of Architectural and Engineering Practice [4]	
ENCE422	Project Cost Accounting and Economics [2]	
ARCH430	Measuring Sustainability in Architecture [3]	
ARCH462	Methods & Materials of Building Construction [3]	
ARCH467	Integrated Project Delivery [3]	
Total Credits		**15**

1 Course offered in Fall and Spring
2 Course offered in Fall, Spring and online in the Summer
3 Course offered in the Fall
4 Course offered in the Spring

All courses are also offered online in the summer session. Please see the Schedule of Classes (https://app.testudo.umd.edu/soc/).