

PROJECT MANAGEMENT MINOR

Civil and Environmental Engineering (ENCE)

1173 Engineering Classroom Building

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<http://pm.umd.edu/program/undergraduate-minor-in-project-management/>

Program Director: Qingbin Cui, Ph.D.

The Minor in Project Management is open to all students in the A.J. Clark School of Engineering or the School of Architecture, Planning & Preservation that have earned at least 60 credit hours and have a GPA of 3.0 or higher.

A basic understanding of project management is becoming increasingly important for engineers. Such knowledge enables them to contribute immediately to employers, and to advance their careers. In addition to a strong engineering background, there is significant need for engineers to understand the fundamentals of managing projects in order to effectively participate as members of project teams. Students who successfully complete minor requirements will receive a notation on their official transcript.

REQUIREMENTS

A total of 15 credits are required. All courses for the minor must be passed with a grade of "C-" or better.

Course	Title	Credits
Required Courses (12 credits total - one course from each theme):		
Fundamentals (3 credits - choose one):		3
ENCE312	Engineering Economics and Project Management	
OR		
ENCE325	Introduction to Construction Project Management	
Integrated Teams (3 credits - choose one):		3
ENCE426	Construction Documentation and BIM Applications in Engineering and Construction	
OR		
ARCH472	Building Information Modeling Communication and Collaboration	
Communications (3 credits):		3
ENCE424	Communication for Project Managers	
Scheduling (3 credits):		3
ENCE423	Project Planning, Estimating & Scheduling	
Elective Courses (3 credits - choose one):		3
ENCE421	Legal Aspects of Architectural and Engineering Practice	
ENCE420	Selection and Utilization of Construction Equipment	
ARCH430	Measuring Sustainability in Architecture	
ARCH462	Methods & Materials of Building Construction	
ARCH467	Integrated Project Delivery	
Total Credits		15