PROJECT MANAGEMENT MINOR

Civil and Environmental Engineering (ENCE)
1173 Engineering Classroom Building
301-405-7768
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Core Courses</td>
<td></td>
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</tr>
<tr>
<td>ENCE320</td>
<td>Introduction to Project Management</td>
<td>3</td>
</tr>
<tr>
<td>ENCE422</td>
<td>Project Cost Accounting and Economics</td>
<td>3</td>
</tr>
<tr>
<td>ENCE423</td>
<td>Project Planning, Estimating &amp; Scheduling</td>
<td>3</td>
</tr>
<tr>
<td>ENCE424</td>
<td>Communication for Project Managers</td>
<td>3</td>
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<tr>
<td>Elective Courses</td>
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</tr>
<tr>
<td>ENCE421</td>
<td>Legal Aspects of Architectural and Engineering Practice</td>
<td>3</td>
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<tr>
<td>or ENCE426</td>
<td>Construction Documentation and BIM Applications in Engineering and Construction</td>
<td></td>
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<tr>
<td>Total Credits</td>
<td>15</td>
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