

ENGINEERING MANAGEMENT - MINOR

The engineering management minor complements the technical knowledge of a baccalaureate engineering degree by introducing business skills engineers need to succeed in today's job market. After completion of the requirements, the undergraduate minor in engineering management will be listed on the student's transcript at the time of graduation along with the student's bachelor's degree.

For more information, visit the program's Undergraduate Engineering Management Minor (<https://www.colorado.edu/emp/current-students/undergraduate-programs/undergraduate-minors/engineering-management/>) webpage.

Requirements

Eligibility

The engineering management minor is open to undergraduate students rostered in the College of Engineering and Applied Science.

Program Requirements

Students must complete 15 credit hours: 2 required courses totaling 6 credit hours, plus an additional 9 credit hours of electives.

A cumulative GPA of 2.000 or better is required for courses used to satisfy the requirements of this minor. Each course requires a minimum grade of D- or better (note, however, that a C- or better is required in all prerequisite courses to qualify to take a subsequent course).

To meet the minor's residency requirement, at least three courses need to be taken at CU Boulder (in person or online).

Code	Title	Credit Hours
Required Courses		
EMEN 4030	Project Management Systems	3
or AREN 4506	Pre-construction Estimating and Scheduling	
or CSCI 3308	Software Development Methods and Tools	
or CVEN 3246	Introduction to Construction	
EMEN 4100	Engineering Economics	3
Electives ¹		
Choose three of the following:		9
EMEN 3100	Introduction to Engineering Management	
EMEN 4050	Leadership and Professional Skills	
EMEN 4055	Designing for Diversity, Equity and Inclusion in Engineering	
EMEN 4110	Supply Chain Management	
EMEN 4120	Managing Business Processes	
EMEN 4200	Engineering and Entrepreneurship for the Developing World	
EMEN 4400	Quality Management	
EMEN 4405	Systems Engineering	
or ECEN 4583	Software System Development	
EMEN 4800	Technology Ventures and Marketing	
EMEN 4820	Entrepreneurial Product Development	
EMEN 4825	New Venture Creation	

EMEN 4830	Special Topics
EMEN 4850	Entrepreneurial Leadership
EMEN 4875	Entrepreneurial Finance

Total Credit Hours 15

¹ For a list of accepted elective substitutions that can satisfy up to 3 credit hours, visit the Undergraduate Engineering Management Minor Course Requirements (<https://www.colorado.edu/emp/current-students/undergraduate-programs/undergraduate-minors/engineering-management/>) webpage.