

MECHANICAL ENGINEERING - PROFESSIONAL MASTER OF SCIENCE (MSME)

The Master of Science Professional is a degree program that offers possibilities for a wide range of prospective students. This coursework-focused degree program emphasizes both project-based and curriculum-driven learning. It is targeted at working engineers and undergraduates considering, or already pursuing, a career in industry, but can also be completed with the ultimate goal of matriculating in a PhD program.

A thesis is not required to earn this degree. If a student plans to earn a master's degree and then immediately continue on to a PhD, they can apply directly to the PhD program (<https://catalog.colorado.edu/graduate/colleges-schools/engineering-applied-science/programs-study/mechanical-engineering/mechanical-engineering-doctor-philosophy-phd/>); it is not necessary to earn a master's degree separately.

For more information, visit the department's Master of Science Professional (<https://www.colorado.edu/mechanical/current-students/graduate/master-science-professional/>) webpage.

Bachelor's–Accelerated Master's Degree Program

Students may earn this degree as part of the Bachelor's–Accelerated Master's (BAM) degree program, which allows currently enrolled CU Boulder undergraduate students the opportunity to earn a bachelor's and master's degree in a shorter period of time.

For more information, see the Accelerated Master's tab for the associated bachelor's degree(s): BSEV in Environmental Engineering (<https://catalog.colorado.edu/undergraduate/colleges-schools/engineering-applied-science/programs-study/civil-environmental-architectural-engineering/environmental-engineering-bachelor-science-bsev/#acceleratedmasterstext>)

Requirements

Students must complete at least 30 graduate-level credit hours, to include at least 18 credits in mechanical engineering. Up to 12 credits may be taken outside of the department.

Students must attend a select number of mechanical engineering graduate seminars. A thesis is not required for this degree.

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