The Master of Engineering (M.Eng.) is a professional degree to prepare you with the management and business acumen required in your technical area. Curriculum is delivered through a mix of traditional face-to-face courses, hybrid courses, and online courses.

Program Overview

The new Master of Engineering degree is a non-thesis professional program with a substantive management component for engineers employed in or preparing to enter technical management roles in business and industry. The program will support engineers to maintain and/or obtain licensure via the technical coursework in the curriculum while strengthening their leadership skills via the organizational management elements of the program. For more information regarding professional engineering licensing requirements by state, please visit: http://www.nspe.org/resources/licensure/licensing-boards.

Admission Requirements

A bachelor’s-level degree in an area related to the emphasis area you wish to enroll in is required. A GPA of 3.0 or higher is generally required for admission. Applicants with a GPA of less than 3.0 will be considered with substantial work experience. For more information contact graduate.admissions@sdsmt.edu.

Document Requirements

- Completed graduate application form
- $35 application fee
- Official transcript of prior academic work, sent directly to SD Mines by the issuing institution, showing the undergraduate degree awarded
- Additional requirements exist for international students, including a third party foreign transcript evaluation and evidence of English proficiency.

Tuition

The Master of Engineering degree program requires 30 credits. Complete cost for the program is approximately $23,000 for your degree*. South Dakota residents are eligible for a discounted rate.

Accreditation

The South Dakota School of Mines and Technology is accredited by the regional Higher Learning Commission (HLC), a commission of the North Central Association of Colleges and Schools (NCA). For more information, please visit: ncahlc.org.

*based on nonresident costs for 2016/17 academic year. See online price table for details.
Curriculum

The program requires 30 credits for graduation. 15-24 credits of engineering content are selected from one of three available technical emphasis areas in Civil & Environmental Engineering, Electrical Engineering, and Materials Engineering & Science. 6-15 credits are management courses that complement your professional goals. A thesis or final examination is not required. All courses must be approved in advance by the program coordinator of your emphasis area.

<table>
<thead>
<tr>
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<th>Credits</th>
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<tr>
<td>Technical Emphasis area</td>
<td>15</td>
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<tr>
<td>Management</td>
<td>6</td>
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<tr>
<td>Technical or Management</td>
<td>9</td>
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<td>Total</td>
<td>30</td>
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Technical Emphasis Areas:

The technical courses are available on the SD Mines campus.

Civil & Environmental Engineering
- Environmental
- Geotechnical
- Water resources
- Structural engineering

Electrical Engineering
- Applied electromagnetics
- Communications and networking
- Controls
- Power Systems

Materials Engineering & Science
- Chemistry of materials
- Fundamentals of materials engineering
- Condensed matter physics

Management Courses:

Core management courses are available from any of our 3 online M.S. professional programs: Construction Engineering and Management, Engineering Management, and Mining Engineering and Management. Students select a minimum of two classes from the list below to meet the management course requirement.

Engineering Management courses:
- Eng Economics for Managers
- Business Strategy
- Eng. Mgt. & Labor Relations
- Project Planning & Control
- Operations Planning
- Quality Management
- Statistical Process Control
- Forecasting for Bus & Tech

Construction Engineering & Management courses:
- Construction Company Management
- Leading & Managing Design Orgs

Mining Engineering & Management courses:
- Resource Industry Finance & Accounting
- Resource Industry Mergers & Acquisitions
- Advanced Mineral Economics
- Mining Law & Environment

Getting Started
For more information, inquire or apply online at: http://www.sdsmt.edu/MEng/

For More Information:

Civil & Environmental Engineering emphasis:
Dr. Marc Robinson
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605-394-2563

Electrical Engineering emphasis:
Dr. Charles Tolle
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Materials Engineering & Science emphasis:
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