

Mining Engineering

College of Engineering and Mines
Department of Mining and Geological Engineering
907-474-7388
www.uaf.edu/cem/min/

M.S. Degree

Minimum Requirements for Degree: 31 – 37

The mining engineering program emphasizes engineering as it applies to the exploration and development of mineral resources and upon the economics of the business of mining. The program offers specialization in exploration, mining or mineral beneficiation.

Students are prepared for job opportunities with mining and construction companies, consulting and research firms, equipment manufacturers, investment and commodity firms in the private sector, as well as with state and federal agencies.

Mining engineers may aspire to, and achieve, the highest positions in the industry: operating or engineering management, government agency director or entrepreneur.

Graduate Program — M.S. Degree

1. Complete the general university requirements (page 201).
2. Complete the master's degree requirements (page 205).
3. Complete the following:
MIN F688—Graduate Seminar I1
4. Complete the thesis or non-thesis requirements:
Thesis
 - a. Complete the following:
MIN F600-level courses.....12
Technical electives11
MIN F699—Thesis6
 - b. Minimum credits required30

Non-Thesis

- a. Complete the following:
MIN courses.....12
Technical electives17
MIN F698—Research/Project6
- b. Minimum credits required36