Mining Engineering

School of Mineral Engineering
Department of Mining and Geological Engineering
(907) 474-7388
www.uaf.edu/sme/MinEng.html

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. Starting salaries are among the highest in the engineering profession.

Graduate Program—M.S. Degree

1. Complete the general university requirements (page 166).
2. Complete the master's degree requirements (page 170).
3. Complete the following:
   MIN 688—Graduate Seminar I .......................................................1
   MIN 689—Graduate Seminar II......................................................1
4. Complete the thesis or non-thesis requirements:

   Thesis
   a. Complete the following:
      MIN 600-level courses.................................................................12
      Technical electives .....................................................................11
      MIN 699—Thesis ............................................................................6
   b. Minimum credits required.......................................................31

   Non-Thesis
   a. Complete the following:
      MIN courses ..................................................................................12
      Technical electives .....................................................................17
      MIN 698—Research/Project............................................................6
   b. Minimum credits required.......................................................37

Note: Page numbers refer to the UAF 2004-2005 academic catalog, which can be viewed online at www.uaf.edu/catalog/.