MINING ENGINEERING
College of Engineering and Mines
Department of Mining and Geological Engineering
907-474-7388
http://cem.uaf.edu/mingeo/

M.S. Degree
Minimum Requirements for Degree: 30-36

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 con-
struction companies, consulting and research firms, equipment manu-
facturers, 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.

M.S. Degree
1. Complete the general university requirements (page 236).
2. Complete the master’s degree requirements (page 236).
3. Complete the following:
   MIN F688—Graduate Seminar I...............................................................1
4. Complete the thesis or non-thesis requirements:
   Thesis
   a. Complete the following:
      MIN F600-level courses.................................................................12
      Technical electives.................................................................11
      MIN F699—Thesis.................................................................6
   b. Minimum credits required ..........................................................30
   Non-Thesis
   a. Complete the following:
      MIN courses.................................................................12
      Technical electives...............................................................17
      MIN F698—Non-thesis Research/Project................................6
   b. Minimum credits required ..........................................................36