PH.D., ENGINEERING

Admission Requirements
Complete the following admission requirements:

• Complete either a B.S. or M.S. degree in engineering.
• Complete a master’s degree in engineering or a closely related field.
• Submit GRE scores.

Program Requirements

Minimum Requirements for Engineering

Doctorate Degree: 36 credits

CONCENTRATIONS: ARCTIC, CIVIL, COMPUTER, ELECTRICAL, ENGINEERING MANAGEMENT, ENVIRONMENTAL, GEOLOGICAL, MECHANICAL, MINING, AND PETROLEUM

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As part of the Ph.D. degree requirements:

• Complete at least 18 credits of course work beyond the M.S. degree.
• Complete at least three full-time semesters of residency, which may include a summer semester. ¹
• Complete and pass a written and oral comprehensive examination.
• Complete and submit a written thesis proposal for approval.
• Complete a research program as arranged with the graduate advisory committee.
• Complete a thesis that is a substantial contribution to the body of knowledge in engineering and pass an oral defense of thesis.

¹ Residency is defined as living in the Fairbanks area, working with the student’s graduate advisor and graduate committee, while taking courses at UAF.