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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<th>Code</th>
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<td>General University Requirements</td>
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<td>Complete the general university requirements. (<a href="http://catalog.uaf.edu/graduate/general-university-requirements-phd/">http://catalog.uaf.edu/graduate/general-university-requirements-phd/</a>)</td>
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<td>Ph.D. Degree Requirements</td>
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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.  

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.