

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

Code	Title	Credits
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General University Requirements

Complete the general university requirements. (<https://catalog.uaf.edu/archives/2020-2021/graduate/general-university-requirements-phd/>)

Ph.D. Degree Requirements

Complete the Ph.D. degree requirements. (<https://catalog.uaf.edu/archives/2020-2021/graduate/#phdtext>)

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.