

ENGINEERING PH.D.

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

< Back to Department (<https://catalog.uaf.edu/academic-departments/electrical-computer-engineering/>)

Minimum Requirements for Engineering Doctorate Degree: 36 credits

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

Code	Title	Credits
General University Requirements		
Complete the graduate general university requirements. (https://catalog.uaf.edu/phd/#gurphdtext)		
Ph.D. Degree Requirements		
	Complete the Ph.D. degree requirements. (https://catalog.uaf.edu/phd/#phdrequirementsstext) ¹	18
Engineering Program Requirements		
	Complete at least 18 credits of coursework beyond the M.S. degree.	18
	Complete at least three full-time semesters of residency, which may include a summer semester. ²	
	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 the thesis.	
Total Credits		36

¹ Requires 18 thesis credits.

² Residency is defined as living in the Fairbanks area and working with the student's graduate advisor and graduate committee while taking courses at UAF.