

Energy Engineering-Generation Certificate

Department Information

- **Program Information:**
ndsu.edu/programs/graduate/energy-engineering (<http://ndsu.edu/programs/graduate/energy-engineering/>)
- **Credential Offered:**
Certificate

Apply Now (https://ndsugrad.my.site.com/Application/TX_SiteLogin/?startURL=/Application/TargetX_Portal__PB)

Code	Title	Credits
Required Course		
Choose one course from the following options:		3
ME 751	Advanced Thermodynamics	
ME 761	Advanced Heat Transfer	
ME 762	Applied Multimode Heat Transfer	
ME 763	Advanced Transport Phenomena	
Additional Courses		
Choose two courses from the following options:		6
ABEN 656	Biobased Energy	
ME 669	Energy Storage Technology	
ME 670	Renewable Energy Technology	
ME 681	Fundamentals of Energy Conversion	
ME 682	Fuel Cell Science and Engineering	
Total Credits		9

Note: A course applied to one certificate cannot also count towards a second Energy Engineering certificate

Admission and Application Requirements

Graduate School admission and application requirements are found on the Admission Information (<https://catalog.ndsu.edu/past-bulletin-archive/2025-2026/graduate/admission-information/>) page.