Help Fuel the Future!

Minor in Electrochemical Engineering

Allows students in energy related engineering programs such as chemical, civil, electrical, environmental, mechanical, and materials science and engineering to readily take advantage of the minor and be better prepared for careers in clean power generation and future green technologies.

18 Credit Minor

Prescribed Courses, 9 credits:
- EGEE 441: Electrochemical Engineering Fundamentals
- ESC 455: Electrochemical Methods in Engineering and Corrosion Science
- MATSE 421: Materials in Electrochemical Energy Systems

Additional Courses, select 9 credits from:
- EGEE 420: Hydrogen and Fuel Cells
- EME 407: Electrochemical Energy Storage
- ME 403: Polymer Electrolyte Fuel Cell Engines
- EGEE 437: Design of Solar Energy Conversion Systems
- EGEE 436: Modern Thermodynamics for Energy Systems

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Minor housed in the John and Willie Leone Family Department of Energy and Mineral Engineering, College of Earth and Mineral Sciences. | Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce. EMS U.Ed. 12-55