ENGINEERING PHYSICS

The Department of Engineering Physics offers the B.S. degree in engineering physics. The degree is designed for the ever-changing technologies in emerging technological areas to graduates who will become a source of qualified employees for high tech, start-up companies and traditional engineering firms, as well as be prepared for advanced graduate degrees.

Students specialize in a technological focus area such as: nanoengineering, plasma science and engineering, and scientific computing.

Distinguishing features of the engineering physics degree include: strong emphasis on math and physics, and engineering fundamentals; choice of a technical focus area beginning in the junior year; emphasis on research project, culminating in a senior thesis.

DEGREES/MAJORS/CERTIFICATES

- Engineering Mechanics, B.S. [link]
- Engineering Physics, B.S. [link]
- Engineering for Energy Sustainability, Certificate [link]
- Nuclear Engineering Materials, Certificate [link]
- Nuclear Engineering, B.S. [link]

PEOPLE

PROFESSORS
Henderson (chair)
T. Allen
Blanchard
Bonazza
Crone
Fonck
Hegna
Lakes
Smith (also Mathematics)
Sovinec
Waleffe (also Mathematics)
Wilson

ASSOCIATE PROFESSORS
M. Allen
Schmitz
Witt

ASSISTANT PROFESSORS
Couet
Notbohm

Resources and Scholarships

Facilities available for instruction and research include:

- Fluid Mechanics and Heat Transfer Laboratories
- Instructional Computing Labs (in Computer Aided Engineering)
- Nanomechanics Laboratory
- Nuclear Instrumentation Laboratory
- Plasma Physics Laboratories
- Superconductivity and Cryogenics Laboratories

See department website for list of Affiliate Faculty, Research Professors, Faculty Associates, Adjunct Professors, and Emeritus Faculty.