

ENGINEERING PHYSICS

The Department of Engineering Physics (EP) within the University of Wisconsin–Madison College of Engineering is the home of three undergraduate degree programs (nuclear engineering; engineering mechanics, including an option in aerospace engineering formerly named astronautics; and engineering physics) and two graduate degree programs (nuclear engineering and engineering physics; and engineering mechanics). The department's faculty conducts research in the areas of nuclear systems, plasma physics and fusion energy science, and experimental and theoretical mechanics. This combination of topics fosters synergies with respect to neutronics, nuclear materials, mechanics of novel materials, fluid dynamics, and computation. The graduate nuclear engineering program has been ranked in the top four, nationally, by *U.S. News and World Report* in each of the past ten years.

DEGREES/MAJORS/CERTIFICATES

- Engineering for Energy Sustainability, Certificate (<http://guide.wisc.edu/undergraduate/engineering/engineering-physics/engineering-energy-sustainability-certificate/>)
- Engineering Mechanics, B.S. (<http://guide.wisc.edu/undergraduate/engineering/engineering-physics/engineering-mechanics-bs/>)
- Engineering Physics, B.S. (<http://guide.wisc.edu/undergraduate/engineering/engineering-physics/engineering-physics-bs/>)
- Nuclear Engineering Materials, Certificate (<http://guide.wisc.edu/undergraduate/engineering/engineering-physics/nuclear-engineering-materials-certificate/>)
- Nuclear Engineering, B.S. (<http://guide.wisc.edu/undergraduate/engineering/engineering-physics/nuclear-engineering-bs/>)

PEOPLE

PROFESSORS

Paul Wilson (Chair)
 Riccardo Bonazza
 Curt A. Bronkhorst
 Wendy Crone
 Adrien Couet
 Chris Hegna
 Douglass Henderson
 Roderic Lakes
 Oliver Schmitz
 Carl Sovinec
 Kumar Sridharan
 Fabian Waleffe

ASSISTANT PROFESSORS

Jennifer Choy
 Stephanie Diem
 Jennifer Franck
 Benedikt Geiger
 Ben Lindley
 Jacob Notbohm
 Ramathasan Thevamaran
 Yongfeng Zhang

See also Engineering Physics Faculty Directory (<https://directory.engr.wisc.edu/ep/faculty/>).

RESOURCES AND SCHOLARSHIPS

FACILITIES

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

SCHOLARSHIPS

Most financial assistance is awarded through the Office of Student Financial Aid (333 E. Campus Mall RM 9701, 262-3060). Some financial assistance is also available from the College of Engineering. Please see your academic advisor or Student Services Center, 1410 Engineering Drive, for more information. The Department has a limited amount of scholarship funds that are awarded on a merit basis, usually at the beginning of the fall semester. An application for departmental scholarships is not necessary; all students are automatically considered in the competition for departmental scholarships.