

ENGINEERING

Graduate Program Head	Sven Bilén
Program Code	ENGR
Campus(es)	World Campus
Degrees Conferred	Doctor of Engineering (D.Eng.)
The Graduate Faculty	View (https://secure.gradsch.psu.edu/gpms/?searchType=fac&prog=ENGR)

The Doctor of Engineering degree program in Engineering is a fully online program designed to meet the needs of working professionals who are interested in continuing their graduate studies with an applied research focus, enabling them to tackle research areas that are relevant to their industry's needs. The core D.Eng. objectives include enhancing technical engineering knowledge; developing research skills and applying research methods to an identified need within industry; and developing professional leadership competencies. To support these objectives, professional core coursework will include leadership theory and practice, product innovation and innovation management, project management, and engineering across cultures and nations. Students will select 15 technical elective credits in subject areas that support their research interests and in consultation with their advisor and committee. These technical electives will increase the student's engineering expertise and will form the foundation for their research pursuits. The program culminates with a praxis research project focused on applied research executed in an industry environment. Students will identify an industry problem and use applied research methods to develop a proposed solution and evaluation of the solution in meeting industry needs.