

ENGINEERING DESIGN

Graduate Program Head	Timothy Simpson
Program Code	EDSGN
Campus(es)	University Park (M.S., M.Eng.)
Degrees Conferred	Master of Science (M.S.) Master of Engineering (M.Eng.)
The Graduate Faculty	View (https://secure.gradsch.psu.edu/gpms/?searchType=fac&prog=EDSGN)

The Engineering Design (DESIGN) program prepares the innovators of the future. Students may specialize in Design Computing, Product Realization, Human-Centered Design, and Humanitarian Engineering Design. Design Computing applies advanced computing to supercharge designers' abilities to create personalized products and services. Product Realization focuses on designing adaptive, flexible, and innovative products that challenge traditional product design and manufacturing approaches in support of growing markets. Human-Centered Design focuses on starting with empathy and applying rigorous processes and tools to transform user needs into viable engineered solutions. Humanitarian Engineering Design focuses on developing scalable and sustainable solutions for products, processes, and services that have the potential to change lives for millions of people in resource-constrained communities around the world.