ELECTRICAL ENGINEERING (ENGINEERING)

Graduate Program Head	Madhavan Swaminathan
Program Code	EE
Campus(es)	University Park (Ph.D., M.S.)
Degrees Conferred	Doctor of Philosophy (Ph.D.) Master of Science (M.S.) Dual-Title Ph.D. and M.S. in Electrical Engineering and Operations Research
The Graduate Faculty	View (https://secure.gradsch.psu.edu/gpms/?searchType=fac&prog=EE)

The general areas of graduate research in Electrical Engineering are electromagnetics and optics; electronics and photonics; communications, computers, networking, and signal processing; and control and power systems. Specializations available within these areas include:

- microwaves, antennas, and propagation;
- electro-optics and nonlinear optics;
- remote sensing and space systems;
- materials and devices;
- circuits and networks;
- VLSI;
- communications;
- networking;
- signal and image processing;
- computer vision and pattern recognition;
- control systems; and
- power systems.