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 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.

The Graduate Faculty: View (https://secure.gradsch.psu.edu/gpms/?searchType=fac&prog=EE)