Doctor of Philosophy in Electrical Engineering

Curriculum
The PhD in Electrical Engineering program prepares individuals to perform original, leading-edge research in the broad areas of communications and signal processing; mixed-signal IC design; digital systems; power electronics; microelectronics and nanoelectronics; optics; optoelectronics; light-wave devices and systems; RF and microwave systems; biomedical applications of electrical engineering; VLSI design; power electronics; renewable energy; vehicular technology, control theory, robotics and wireless communications. Because of our strong collaborative programs with Dallas-area high-tech companies, significant emphasis is placed on preparation for research and development positions in these specialized industries.

Interdisciplinary graduate degrees are offered in both telecommunications engineering and computer engineering.

Career Options
Graduates of the program seek positions such as: Professor, Research and Development Engineer and Consulting Engineer in the public and private sector.

Degree Program
The PhD in Electrical Engineering requires 75 semester credit hours minimum beyond the baccalaureate degree.

For complete admission and degree requirements, view the Graduate Catalog at catalog.utdallas.edu.

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