Doctor of Philosophy in Telecommunications Engineering

Curriculum
Training is provided for both academically oriented students and students with professional goals in many business, industrial or governmental occupations requiring advanced knowledge of telecommunications, network theory and technology. A comprehensive program of evening courses is offered which enables part-time students to obtain their master’s or PhD degree or to select individual courses of interest. Courses and research are offered in a variety of sub fields of telecommunication engineering, including, fault-tolerant computing, parallel processing, digital signal processing, digital communications, modulation and coding, electromagnetic-wave propagation, fiber and integrated optics, lasers, wireless communications, mobile IP, wireless multimedia, DWDM networks, QoS assurance protocols, network design and optimization, telecommunications software, performance of systems, ad-hoc and PCS wireless networks, network security and high speed protocols.

Career Options
Professor; R&D Researcher; Consulting Engineer in the public and private sector

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

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

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