Master of Science 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 subfields 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
Graduates of the program seek positions such as: Telecommunications Software Engineer; Software Test Engineer and Telecommunications Network Engineer.

Degree Program
The MS in Telecommunications Engineering requires the completion of a minimum of 33 semester credit hours.

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

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