



Master's Degree Program

NETWORK & COMMUNICATIONS MANAGEMENT

Concentrations: **Information Security**

ABOUT THIS DEGREE PROGRAM

The Master of Network & Communications Management program, appropriate for those with or without communications technology or networking experience, is designed to equip students with managerial skills and technical knowledge of network and communications technology.

The program, taught from a practitioner's perspective, prepares students to recognize opportunities in which the application of communications technology can provide strategic benefit to their organizations by reducing costs, improving customer service and enhancing operational efficiencies. Coursework provides perspectives on managerial decision-making and managing an enterprise in a technological environment. It also focuses on aspects of communications technologies that enable students to understand and evaluate technology applications and alternatives employed in business and industry.

The MNCM program requires successful completion of 45 semester-credit hours. The program includes a concentration that serves students' professional and personal interests, and provides flexibility in customizing their program. In addition, a technical prerequisite skills course, required for those without a network and communications background, gives students fundamental skills needed to succeed in the program. Total program length varies based on the number of courses taken per eight-week session.

Concentrations offered within the MNCM degree program:

- Information Security
- Project Management

KNOWLEDGE AND SKILLS

- Equipping students with managerial and technical skills needed to develop, implement and oversee an organization's telecommunications infrastructure.
- Enabling students to recognize opportunities to determine cost, improve customer service and boost operating efficiencies.
- Developing students' ability to apply communications and networking technology for the strategic benefit of an organization.
- Enabling students to apply project management methodology in order to ensure greater success in project implementation in all functional areas.

ACCREDITATION MATTERS

Keller's Master of Network and Communications Management program has achieved voluntary accreditation from the Accreditation Council for Business Schools and Programs (ACBSP, www.acbsp.org), demonstrating that it has met the standards of business education that promote teaching excellence.



CORE-DEGREE COURSES

ACCT504	Accounting and Finance: Managerial Use and Analysis
HRM587	Managing Organizational Change
NETW583*	Strategic Management of Technology
PROJ586	Project Management Systems
MIS589*	Networking Concepts and Applications
NETW584	Telecommunications Law and Regulation
NETW585	Network Design and Management
NETW589	Wireless Communication Systems
NETW590	IP Telephony/VoIP
SEC572*	Network Security

CONCENTRATION-SPECIFIC COURSES (4 OF THESE COURSES)

SEC571*	Principles of Information Security and Privacy
SEC573	E-Business Security
SEC574	Database Security
SEC575	Information Security Law and Ethics
SEC576	Risk Mitigation and Contingency Planning
SEC577	Cryptography and Security Mechanisms
SEC578	Practices for Administration of Physical and Operations Security
SEC579	Security in Systems Architecture and Applications
SEC591*	Disaster Recovery/Forensics and Security
SEC592*	IT Governance

CAPSTONE

NETW600	Telecommunications Capstone
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* Earn your master's and get a Graduate Certificate along the way. These six courses make up the Information Security Graduate Certificate, which is embedded in this program, allowing you to leave with two credentials in one.