

MURRAY STATE UNIVERSITY
Telecommunications

Systems Management

Masters' Program

An **Interdisciplinary Program** that includes
the College of Business and Public Affairs
and
the College of Science, Engineering and Technology



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Master of Science in

Telecommunications Systems Management

Admission Requirements:

For admission consideration, all candidates must take either the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE).

Career Outlook:

Telecommunications systems are networks of leading-edge technologies such as fiber optic systems, satellites, wireless, telephony and cable that are connected to allow organizations and individuals throughout business and industry to communicate instantaneously around the world. These systems provide the infrastructure for activities such as electronic commerce, electronic banking, video teleconferencing, distance learning, telemedicine, data interchange, on-demand video, and a host of other emerging business applications. Persons who are qualified to manage such systems are now in very high demand.

Required (24 Semester Hours)

TSM 601	Telecommunications Principles
TSM 602	Telecommunications Systems
TSM 603	Telecommunications Project Management
TSM 610	Network Management
TSM 630	Telecommunications Legal Environment
TSM 680	Telecommunications Solution Development
ACC 604	Quantitative Financial Controls
MGT 651	Seminar in Organizational Behavior

Electives (Choose any 2, 6 Semester hours):

ACC 608	Accounting Information Systems
FIN 612	Capital Investment Analysis
CIS 609	Datawarehousing and Data Mining
CIS 645	Decision Support and Expert Systems
CIS 646	A Manager's Guide to Database
ECO 625	Managerial Economics
MKT 667	Marketing Planning and Application
MKT 675	Marketing Applications in E-Business
MKT 685	Business Geographics for Managers
TSM 615	Information System Security
TSM 670	Applications Programming
TSM 688	Telecommunications Systems Practicum

TSM 680 is the capstone course for the M.S. in TSM. Students use project management techniques involving the technical, financial, and managerial aspects of developing an integrated communications network solution that meets voice, data and video requirements. Major emphasis in the proposed solution is a requirement analysis, solution design, solution implementation, and solution management. Before students can take this course, they must have at least 18 hours of graduate work (6 graduate courses) that include: ACC 604, MGT 651, TSM 602, TSM 603, and TSM 610.

Keep In Touch

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Application Forms

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