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

To learn more about our program visit us at [www.murraystate.edu/ tsm](http://www.murraystate.edu/ tsm)

To apply go to [www.murraystate.edu/ masters](http://www.murraystate.edu/ masters)
Master of Science in

[Title: 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. People 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 telecommunications 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.

Contact:
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Application Forms:
www.murraystate.edu/masters