## MIS

**Degree:** Bachelor of Business Administration in Management Information Systems (MIS)

- **Job Placement Rate**: 93% (December 2013)
- **Major Admission Requirements**: 2.75 cumulative Texas Tech University GPA
- **Available Concentrations**: Telecommunications/Networking, Web Application Design, Business Analysis
- **Available Certificates**: IIBA Academic Certificate in Business Analysis, ISQS Undergraduate Certificate in MIS
- **Popular Study Abroad Options and Faculty-led Programs (FLP)**: ISQS 3344 Introduction to Production and Operations Management (FLP) in Spain

*Dependent on market conditions and number of graduates*

### CAREERS

**Systems Development**
- Systems analysis
- Information systems design
- System implementation
- Systems integration
- Database administration
- Business application development

**Internet**
- Programming
- Software design
- Mobile app design
- Hardware production
- Website design
- Website administration

**Non-Technical**
- Business analyst
- Project manager
- Customer service
- Product support
- Training
- Technical writing
- Sales

**Network Technology**
- Intranet development
- Intranet administration
- Hardware and software design
- IT infrastructure design and support

### MIS STUDENT ORGANIZATIONS

- Association of Information Technology Professionals (AITP) | texastechnaitp.org

For a complete list of student organizations within the Rawls College of Business, visit [www.ba.ttu.edu/officeofthedean/studentorgs](http://www.ba.ttu.edu/officeofthedean/studentorgs).
SAMPLE COURSE CURRICULUM

Database Management Systems
- The relational model
- Structured query language
- Data modeling and the entity-relationship model
- Database design
- Database administration
- Database processing applications
- Big data, data warehouses and business intelligence

Information Systems Project Management
- Project lifecycle
- Work breakdown structures
- Resource needs and allocations
- Project budgeting
- Project scheduling
- Project teamwork and decision making

Systems Analysis
- Systems, roles and development methods
- Unified modeling language
- Understanding modeling and organizational systems
- Information gathering
- Agile modeling
- Data flow diagrams
- Process specifications

Business Intelligence
- Defining problem, scope and solution
- Big data, data warehouses and business intelligence

Web Application Design
- Developing database-driven websites
- Client-side technologies (HTML, CSS, JavaScript, AJAX)
- Server-side programming with LAMP, Java, ASP, .NET and others
- Rapid application development

Strategic IT and Telecommunications Management
- Developing and delivering on the IS/IT value proposition
- Building business relationships
- Developing IS/IT professionalism
- IS/IT portfolio management

Business Analysis
- Understand the business analyst role
- What makes a good business analyst
- Business analysts and the solution team
- Defining problem, scope and solution

Business Intelligence
- Data warehouse design
- Techniques in extraction, transformation and loading (ETL)
- Business analytics and performance dashboards

Mobile App Development
- Android stack
- Native development kit
- Designing android applications
- Activities and user interfaces
- Advanced user interfaces
- Android services

RAWLS COLLEGE OF BUSINESS AND TEXAS TECH UNIVERSITY RESOURCES

Texas Tech University
- Admissions | www.admissions.ttu.edu
- Financial Aid | www.financialaid.ttu.edu
- Scholarships | www.scholarships.ttu.edu

Rawls College of Business
- Career Management Center | www.rawlscmc.ba.ttu.edu
- Area of ISQS | is.ba.ttu.edu
- Georgie G. Snyder Communication Skills Center | comskillscenter.ba.ttu.edu
- Undergraduate Services Center | undergrad.ba.ttu.edu

While every effort has been made to ensure accuracy, the Rawls College of Business reserves the right to make changes to pertinent information including but not limited to degree plans and program requirements.