

## Minors in Information Technology & Management

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The Center for Professional Development offers the following undergraduate Minors in Information Technology & Management. All minors are 15 credit hours; some have only four courses listed because one course is a six-hour course. All but one of the courses are offered at the Main Campus or online; ITM 448 is currently offered only at the Rice Campus due to laboratory requirements.

### Information Technology & Management:

- ITM 301 Introduction to Contemporary Operating Systems and Hardware I
- ITM 302 Introduction to Contemporary Operating Systems II
- ITM 421 Data Modeling and Applications
- ITM 440 Introduction to Data Networks and the Internet
- ITM 471 IT Project Management

### Information Security:

- ITM 421 Data Modeling and Applications
- ITM 428 Database Security
- ITM 440 Introduction to Data Networks and the Internet
- ITM 448 System and Network Security
- ITM 478 Information Systems Security Management

### Information System Administration:

- ITM 301 Introduction to Contemporary Operating Systems and Hardware I
  - ITM 302 Introduction to Contemporary Operating Systems II
  - ITM 440 Introduction to Data Networks and the Internet
- and choose one of the following:*
- ITM 451 Distributed Workstation System Administration
  - ITM 452 Client-Server System Administration

### Information System Network Management:

- ITM 440 Introduction to Data Networks and the Internet
  - ITM 441 Network Applications and Operations
  - ITM 448 System and Network Security
  - ITM 471 IT Project Management
- and choose one of the following:*
- ITM 456 Introduction to Open Source Operating Systems
  - ITM 461 Internet Technologies & Web Design

### Internet Application Development:

- ITM 311 Introduction to Object-Oriented Programming
  - ITM 411 Intermediate Object-Oriented Programming
  - ITM 461 Internet Technologies & Web Design
  - ITM 462 Web Site Application Development
- and choose one of the following:*
- ITM 463 Internet Application Development
  - ITM 465 Dynamic Web Page Development
  - ITM 466 Web Services and Service-Oriented Architectures