



Information Technology Management Programs

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Indiana University South Bend

Overview of Business & Economics Programs



- **Undergraduate: B.S. in Business with concentration in**
 - Accounting,
 - Finance,
 - Management,
 - Marketing/Advertising,
 - Human Resource Management
 - Management Information Systems (Proposed)
- **Graduate:**
 - MBA,
 - MSA, &
 - MS-MIT (joint program with Computer Science)
- **AACSB & ETS Bench marking**

Overview of Computer Science Programs



- **Undergraduate Majors**
 - **B.S. in Computer Science**
 - **A.S. in Computer Science**

- **Undergraduate Minors**
 - **Minor in Computer Science**
 - **Minor in Informatics**
 - **Minor in Cognitive Science**

- **Undergraduate Certificates**
 - **Certificate in Computer Programming**
 - **Certificate in Advanced Computer Programming**

Overview of Computer Science Programs



□ Graduate

- **M. S. in Applied Mathematics and Computer Science** (joint program with Mathematics)
- **M.S. in Management of Information Technology** (joint program with Business and Economics)
- **Certificate in Technology for Administration** (joint program with Business and Economics)

□ Future Programs – Undergraduate and Graduate

- B.S. in Informatics (Undergraduate, Fall 2004 or sooner)
- Certificate in Informatics (Undergraduate, Fall 2004)
- Certificate in Applied Informatics (Post-bac, Fall 2003)
- Certificate in Software Engineering (Post-bac, Fall 2003)

MS-MIT



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- Why Develop an Interdisciplinary Program
 - Synergy!
 - Sharing Resources
 - Producing Technologically Savvy Managers
 - Producing software Engineers with Excellent Managerial Skills

MS-MIT Program



- Focuses on use and management of IT rather than programming and technical theory
- Developed in partnership with Computer Science
- Taught in small classes
- Built on input from Advisory Board (CIOs & MIS Directors)

Master of Science in Management of IT



□ PHASES

- I Mathematics and Statistics Core (0-6 credits)
- II Basic Business (0-15 credits)
- III Business Core (0-12 credits)
- IV Basic Applied Computing Core (4–14 credits)
- V Advance Business Core (12 credits)
- VI Advanced Seminars (6 credits)

MS/MIT

- Phase I (Math and Stats Core)
 - BUSB A503 Statistical Applications
 - BUSB A511 Mathematical Tools in Bus.

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□ Phase II (Basic Business)

- BUSB A501 Survey of Fin. Acct & Rpt.
- BUSB A514 Survey of Economics
- BUSB B502 Organizational Behavior
- BUSB D501 Management of Marketing
- BUSB D502 Financial Management

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□ Phase III (Business Core)

- BUSB A504 Management Information Systems
- BUSB C502 Legal/Ethical Env. Of Bus.
- BUSB D503 Production Management
- BUSB F523 Managerial Decision-Making Models

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- Phase IV (Basic Applied Computing Core)
 - CSCI A505 Object-Oriented Programming
 - CSCI A510 Database Management Systems
 - CSCI A515 Telecommunications and Networking
 - BUSB K506 Web Site Development Techniques

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- Phase V (Advanced Business)
 - BUSB K505 Management of IT Projects
 - BUSB K510 Decision Support Systems
 - BUSB K515 Electronic Commerce
 - BUSB K520 BPR Using IT

MS/MIT

- Phase VI (Advanced Seminars)
 - BUSB K585 Seminar: Mgt. Of IT I
 - BUSB K595 Seminar: Mgt. Of IT II

GRADUATES OF THE MS/MIT PROGRAM WILL BE PROFICIENT IN:



- Business Process Reengineering
- Database Management Systems
- Electronic Commerce
- Enterprise Resource Planning
- Managerial Decision Support Systems
- Object-Oriented Programming
- Telecommunications
(Networks and Distributed Computing)
- Web Design

SUMMARY

- Graduates will have the ability to interact and articulate problems and their solutions with technical personnel within an organization
- Graduates will have the ability to assume managerial responsibilities in areas that have IT as an underpinning

More Information



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www.iusb.edu/~gradbus

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