Information Technology Management Programs

@ 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 Benchmarking
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)
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.
Phase II  (Basic Business)

- BUSB A514  Survey of Economics
- BUSB B502  Organizational Behavior
- BUSB D501  Management of Marketing
- BUSB D502  Financial Management
MS/MIT

- 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
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
MS/MIT

- 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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