Information Technology

MAJOR

MINOR

TRACKS IN

- ACCOUNTING
- BUSINESS INFORMATION TECHNOLOGY
- COMPUTER SECURITY
- GRAPHIC ARTS
- MASS COMMUNICATION

SEE RELATED PROGRAMS:
COMPUTER INFORMATION SYSTEMS MAJOR & MINOR
COMPUTER SCIENCE MAJOR & MINOR
- CONCENTRATION IN NETWORKS

Professors: Chitsaz, Rinard (Chair)
Associate Professors: M. Flinn, Zheng
Assistant Professors: Pan, Xiao, Xu
Lecturers: Gbenro, S. Kennedy

- Computer science and information technology courses must have a grade of C or better to be applied towards major or minor requirements.
- You may receive credit by examination for the following courses: COSC 100, 101.

Program Requirements

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<th>MAJOR</th>
<th>MINOR</th>
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<tbody>
<tr>
<td>Hours Required in Computer Science:</td>
<td>43-52</td>
<td>18</td>
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<tr>
<td>Hours Required in Other Departments:</td>
<td>15-25</td>
<td>0</td>
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<td>Total Hours Required:</td>
<td>67-68</td>
<td>18</td>
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Requirements for Major in Information Technology

1. Core Courses: (15 hours)
   - COSC 100/110 Introduction to Computer Science (Tech. Fluency)
   or COSC 101 The Discipline of Computer Science (Tech. Fluency)
   - COSC 102 Foundations of Computer Science
   - COSC 130 Introduction to Programming
   - COSC 305 Computer Ethics
   - ITEC 315 Programming

2. Required Advanced Courses: (22 hours)
   - COSC 300 Structured Systems Analysis and Design
   - ITEC 312 Human-Computer Interaction
   - ITEC 345 Database Systems I
   - ITEC 355 Network Implementation
   - ITEC 360 Operating Systems
   - ITEC 470 Security and Risk Management
   - ITEC 480 Project Management
   - ITEC 489 Capstone Course

3. Other Required Courses: (12-13 hours)
   - CMST 102/112 Introduction to Human Communication
   - ENGL 338 Technical Writing (Core Skill 2)
   - MATH 109/110 Elements of Applied Probability & Statistics (Core Skill 3)
   or MATH 380 Intro. To Probability & Statistics
   - MATH 220 Calculus for Applications I
   or MATH 236 Calculus I (Core Skill 3)

4. Electives: (6 hours):
   Choose a minimum of 6 hours in at least two courses:
   - ITEC 363 PC Module Installation and Maintenance
   - ITEC 364 PC Software Installation and Maintenance
   - ITEC 410 Diversity in the Global Information Technology
   - ITEC 442 Electronic Commerce
   - ITEC 445 Database Systems II
   - ITEC 452 Network Administration and Security
   - ITEC 462 Emerging Issues and Technologies
   - ITEC 475 Computer and Cyber Forensics
   - ITEC 491 Seminar in Information Technology
   - ITEC 494 Field Experience in Information Technology
   - ITEC 499 Individual Problems in Information Technology

5. Tracks/Application Areas (12 hours):
   Choose one of the following tracks/application areas:

   **Accounting**
   - ACCT 211 Financial Accounting
   - ACCT 212 Managerial Accounting
   - ACCT 305 Accounting Systems
   - ACCT 311 Intermediate Accounting I

   **Business Information Technology**

   **Computer Security**
   - IDIS 150 First Year FSU Colloquium: Personal Security and Privacy in the Age of Information
   or SCIA 120 Introduction to Secure Computing and Information Assurance
   - ITEC 452 Network Administration and Security
   - ITEC 472 Ethical Hacking
   - ITEC 475 Computer and Cyber Forensics

   **Graphic Arts**
   - ART 104 Two-Dimensional Design
   - ART 105 Three-Dimensional Design
   - ART 207 Graphic Design
   - ART 307 Computer Graphics

   **Mass Communication**
   - MCOM 105 Introduction to Mass Communication
   - MCOM 246 Intro to Mass Communication Research Methods
   - MCOM 287 Intro to Video Production
   - MCOM 346 Mass Communication Theory

Requirements for Minor in Information Technology

   - COSC 101 The Discipline of Computer Science (Tech. Fluency)
   or COSC 100 Introduction to Computer Science (Tech. Fluency)
   - COSC 130 Introduction to Programming
   - ITEC 345 Database Systems I
   - ITEC 442 Electronic Commerce
   and select one course from the following:
   - ITEC 312 Human-Computer Interaction
   - ITEC 410 Diversity in Global Information Technology

   **Business Information Technology**