Management Information Systems Program Sheet/ MIS
(printed from www.business.fau.edu/advising)

Students may choose to follow one of two paths. The Information Technology path is the classic MIS path that provides core technical skills needed to manage and design information technology in organizations. The Information and Knowledge Management path provides students with general, broad knowledge in information and knowledge management in organizations, digital products and service development, social media analysis, as well as project management. Graduates will have the skills to analyze and lead technology-enabled products and services and consult organizations on digital products and services.

Required Courses
A minimum of 120 credit hours are required for the degree. Other administrative requirements must be met; see the University Catalog for detailed requirements.

Intellectual Foundation Program (IFP)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>English I</td>
<td>ENC 1101</td>
<td></td>
</tr>
<tr>
<td>English II</td>
<td>ENC 1102</td>
<td>(Pre: ENC 1101)</td>
</tr>
<tr>
<td>Math &amp; Quantitative Reasoning</td>
<td>6</td>
<td>(met with MAC2233 and STA2023 requirement)</td>
</tr>
<tr>
<td>Science</td>
<td>6</td>
<td>(one course must include a lab)</td>
</tr>
<tr>
<td>Society and Human Behavior</td>
<td>6</td>
<td>(met with ECO 2013 &amp; ECO 2023 requirement)</td>
</tr>
<tr>
<td>Global Citizenship</td>
<td>6</td>
<td>(a total of 6 hrs from Global &amp; Humanities area must be designated as Writing Across the Curriculum (WAC))</td>
</tr>
<tr>
<td>Humanities</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

*Students with an AA (Associate of Arts) degree from a regionally accredited Florida Public Institution are deemed to have met the IFP. IFP case sensitive URL: http://www.fau.edu/uas/IFP_audit.php

Pre-Business Foundation Courses (Minimum grade of "C")

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting I (Financial)</td>
<td>ACG 2021</td>
<td>(Pre: 30 credits)</td>
</tr>
<tr>
<td>Accounting II (Managerial)</td>
<td>ACG 2071</td>
<td>(Pre: ACG 2021 with a grade of “C” or better)</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>ECO 2013</td>
<td>(Pre: 30 credits)</td>
</tr>
<tr>
<td>Microeconomics</td>
<td>ECO 2023</td>
<td>(Pre: 30 credits)</td>
</tr>
<tr>
<td>Methods of Calculus</td>
<td>MAC 2233</td>
<td>(Pre: MAC 1105 College Algebra or ALEKS Exam score)</td>
</tr>
<tr>
<td>Introductory Statistics</td>
<td>STA 2023</td>
<td>(Pre: MAC 1105 or MGF 1106 or MAC 2233 or ALEKS)</td>
</tr>
<tr>
<td>Info Systems Fundamentals</td>
<td>ISM 2000</td>
<td></td>
</tr>
</tbody>
</table>

To declare the MIS major students must have: 60 credit hours, a 2.5 FAU-GPA, the foreign-language requirement and all 7 Pbus foundation courses. Keep in mind, FAU policy states that students may not generally declare a minor, second major, or dual degree after earning 90 credit hours.

Business Core (Pre: 60 credits. Minimum grade of "C")

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mgmt &amp; Organizational Behavior</td>
<td>MAN 3025</td>
<td></td>
</tr>
<tr>
<td>Marketing Management</td>
<td>MAR 3023</td>
<td>(Pre: ECO 2013 &amp; 2023)</td>
</tr>
<tr>
<td>Financial Management</td>
<td>FIN 3403</td>
<td>(Pre: ACG 2021 &amp; 2071)</td>
</tr>
<tr>
<td>3 credits of Int'l. Economics</td>
<td>ECS 3013</td>
<td>or, ECO 4704 or 4713 (Pre: ECO 2013 &amp; 2023)</td>
</tr>
<tr>
<td>Business Law I</td>
<td>BUL 4421</td>
<td></td>
</tr>
<tr>
<td>Communicating Business Information</td>
<td>GEB 3213</td>
<td>(Pre: 60hrs)</td>
</tr>
<tr>
<td>Management Information Systems</td>
<td>ISM 3011</td>
<td>(Pre: ISM 2000)</td>
</tr>
<tr>
<td>Quantitative Methods in Admin</td>
<td>QMB 3600</td>
<td>(Pre: MAC 2233 &amp; STA 2023)</td>
</tr>
<tr>
<td>Operations Management</td>
<td>MAN 3506</td>
<td>(Pre: MAN3025; &amp; QMB 3600 with “C” or better)</td>
</tr>
<tr>
<td>Global Strategy and Policy</td>
<td>MAN 4720</td>
<td>(Pre: 90 credits; &amp; MAN 3025, MAR 3023, FIN3403, &amp; QMB 3600; and prerequisite or corequisite: MAN 3506)</td>
</tr>
</tbody>
</table>

Business Elective Courses
The MIS major requires a minimum of 51 credits of upper-division (3/4000) College of Business courses. Most Management Information Systems majors will need an additional 3 credits (1 course) of upper-division business hours beyond the Business Core and the MIS Major to fulfill this requirement. Students who plan to enroll in the 5 year BBA/BS to MS Accelerated Degree Program should fulfill this requirement by completing one of the concentrations (MISI or MISB).

[Continued on next page]
Management Information Systems Major Courses (Pre: 60 credits)

**Information Technology Path:** Students, who select this path may choose to, but are not required to, concentrate in Information Security or Business Analytics. If a student pursues a concentration, the student must complete all four courses that constitute the chosen concentration. Concentration courses are noted below. Students who plan to enroll in the 5 year BBA/BS to MS Accelerated Degree Program should take the I.T. path, as they must complete the four mandatory courses below in their junior year (See link at the bottom of this page). Additionally, 5 year accelerated program students must complete one of the concentrations (MISB or MISI).

**Intro to Computer Syst. & Software Development**  
ISM 3230 (Pre: ISM 2000)

**Business Data Communications**  
(MISI) ISM 4220 (Pre: ISM 2000)

**Database Management Systems**  
(MISB) ISM 4212 (Pre: ISM 3011 or ACG 4401)

**Advanced Systems Analysis & Design**  
(WAC) ISM 4133 (Pre: 9 credits completed in MIS major or minor)

**PLUS CHOOSE TWO** from the following courses:

- Information Systems Security  
  (MISI) ISM 4320

- Information Security Management  
  (MISI) ISM 4323

- Computer Forensics  
  (MISI) ISM 4324

- Special Topics  
  ISM 4930 (Pre: Permission of instructor)

- Project Management  
  MAN 4583

- Mobile Apps for Business  
  ISM 4053

- Social Media and Web Technologies  
  ISM 4054 (Pre: ISM 3011)

- Social Media and Web Analytics  
  ISM 4420

- Info. Tech. and Operations Mgmt Internship  
  ISM 4940 (Pre: 90hrs & Perm. of instr.)

- Introduction to Business Intelligence  
  (MISB) ISM 3116 (Pre: ISM 3011)

- Data Mining and Data Warehousing  
  (MISB) ISM 4117

- Advanced Business Intelligence  
  (MISB) ISM 4403 (Pre: ISM 3116)

(MISB) are the courses that constitute the optional Business Analytics Concentration

(MISI) are the courses that constitute the optional Information Security Concentration

-OR-

**Information and Knowledge Management Path:** Students who select this path may choose to, but are not required to, concentrate in Business Analytics. If a student chooses this concentration, they must take all four concentration courses.

**Advanced Systems Analysis & Design**  
ISM 4133 (Pre: 9 credits completed in MIS major or minor)

**PLUS CHOOSE FIVE** from the following courses:

- Special Topics  
  ISM 4930 (Pre: Permission of instructor)

- Social Media and Web Technologies  
  ISM 4054 (Pre: ISM 3011)

- Project Management  
  MAN 4583

- Info. Tech. and Operations Mgmt Internship  
  ISM 4940 (Pre: 90hrs & Perm. of instr.)

- Intro to Computer Syst. & Software Development  
  ISM 3230 (Pre: ISM 2000)

- Database Management Systems  
  (MISB) ISM 4212 (Pre: ISM 3011 or ACG 4401)

- Introduction to Business Intelligence  
  (MISB) ISM 3116 (Pre: ISM 3011)

- Data Mining & Data Warehousing  
  (MISB) ISM 4117

- Advanced Business Intelligence  
  (MISB) ISM 4403 (Pre: ISM 3116)

- Business Data Communications  
  (MISI) ISM 4220 (Pre: ISM 2000)

- Information Systems Security  
  (MISI) ISM 4320

- Information Security Management  
  (MISI) ISM 4323

- Computer Forensics  
  (MISI) ISM 4324

- Global Supply Chain Management  
  MAN 4597

- Contemporary Issues of Digital Data Mgmt  
  ISM 4041

- Mobile Apps for Business  
  ISM 4053

- Social Media Innovation  
  ISM 3007

- Healthcare information Systems  
  ISM 4381

- Social Media and Web Analytics  
  ISM 4420

(MISB) are the courses that constitute the optional Business Analytics Concentration

(MISI) are the courses that constitute the optional Information Security Concentration

Students interested in admission to the 5 year BBA/BS to MS Accelerated Degree Program may review their options at [http://business.fau.edu/bba-ms](http://business.fau.edu/bba-ms)