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## Planning Sheet: MANAGEMENT INFORMATION SYSTEMS

(Effective Fall 2013. 64 semester credits are required for this major)

### Business Administration Core Requirements:

Term	Grade	Course #	AugCore	Title
___	___	ACC 221		Introduction to Financial Accounting
___	___	ACC 222		Introduction to Managerial Accounting (Prereq: ACC 221)
___	___	ECO 113	SBS	Principles of Microeconomics (Prereq: MPG 3)
___	___	FIN 331		Financial Management (Prereq: MPG 3, ACC 221, and ECO 112 or 113)
___	___	MIS 260		Problem Solving for Business (Prereq: MPG 3)
___	___	MKT 252		Principles of Marketing

Select and complete one (1) of the following two (2) courses:

___	___	BUS 200	<input type="checkbox"/> Exploring Business as a Vocation
		BUS 242	<input type="checkbox"/> Principles of Management

### Management Information Systems Major Requirements

___	___	MIS 270	Data Management for Business (Prereq: MPG 3)
___	___	MIS 375	MIS in the Organization (Prereq: Passed CT assessment or GST 100; BUS 242 or BUS 200 or MKT 252; and ENL 111 or 112 or HON 111)
___	___	MIS 376	Project Management (Prereq: MIS 260)
___	___	MIS 475	System Analysis & Design (Prereq: MIS 260, MIS 270, and MIS 375)
___	___	MIS 476	Information Systems Projects (Prereq: MIS 260, 270, 375, 376, and 475)

Select and complete one (1) of the following two (2) courses:

___	___	BUS 264	<input type="checkbox"/> Statistical Literacy for Managers (Prereq: MPG 3 or MAT 171, and MIS 175 or 260)
		BUS 379	<input type="checkbox"/> Quantitative Methods for Business and Economics (Prereq: MPG 3 or MAT 171, and MIS 175 or 260)

### Non-departmental Major Requirements:

Concurrent registration in CSC 160 and MAT 171 is recommended. If concurrent registration is not possible, complete CSC 160 prior to MAT 171.

___	___	CSC 160	Introduction to Computer Science and Communication (Prereq: MPG 3)
___	___	MAT 171	NSM Discrete Math for Computing (Prereq: MPG 3; Coreq: CSC 160)

Select and complete one (1) of the following two (2) courses:

___	___	CSC 170	<input type="checkbox"/> Structured Programming (Prereq: Pass CT assessment or GST 100, MPG 3 & CSC 160; MAT 171 recommended)
		CSC 240	<input type="checkbox"/> Introduction to Networking & Communication (Prereq: CSC 160 and MPG 3)

### Notes:

- **Keystone:** All Business majors are encouraged to take KEY 490: Vocation and the Meaning of Success to meet the Keystone requirement.
- **Abbreviation Key:** ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

**See back for information on graduation skills requirements**

## Planning Sheet: GRADUATION SKILLS REQUIREMENTS

These requirements were implemented for Fall 2008. Please talk with your faculty advisor for information.

**Graduation skills, including the Quantitative Reasoning requirements, are completed as follows.** Graduation skills in Critical Thinking, Writing, Speaking, and Quantitative Reasoning are required for graduation. Critical Thinking is embedded in all majors. Plans for completion of other graduation skills are determined by the major department. Consult your department chair or faculty advisor to select appropriate courses to meet the Quantitative Reasoning (QR) graduation skill. QR is satisfied by completing one (1) Quantitative Foundational course (QF) and one (1) Quantitative Application course (QA), or one (1) combined QFA course. The most current information on Graduation Skills can be found in the Augsburg College catalog at [www.augsburg.edu/catalog/](http://www.augsburg.edu/catalog/).

**Transfer students must consult an advisor about potential adjustments to their course requirements to fulfill each graduation skill.**

Designated Major Course	GRADUATION SKILLS - MIS		Completed
Embedded in major	<b>Writing Requirements</b> TWO (2) Writing courses		
Embedded in major			
Embedded in major	<b>Speaking</b> One (1) Speaking course		
Designated Major Course	QUANTITATIVE REASONING		Completed
N/A	<b>Quantitative Foundations &amp; Applications</b> One (1) QFA course (Prereq: MPG3)	QFA course	
<b>- OR -</b>			
Embedded in major	<b>Quantitative Foundations and Quantitative Applications</b> One (1) QF course (Prereq: MPG 3) <b>and</b> one (1) QA course	QF course	
Embedded in major		QA course	

## Graduation Tally Checklist

These requirements were implemented in April 2003 and remain in effect until further notice.

Requirement	Progress Towards Completion	
<b>Cumulative Course Credits</b> <ul style="list-style-type: none"> <li>▪ Minimum number of course credits needed for graduation = <b>128</b></li> <li>▪ At least 32 semester credits completed at Augsburg.</li> <li>▪ 24 of last 32 semester credits completed in residence.</li> <li>▪ Second degree – minimum of 32 sem. credits completed in residence.</li> </ul>	Transfer Credits Earned	
	+ Aug. Credits Earned	
	= Total Credits Earned	
	# Credits Needed	

<b>Grade Point Average (GPA)</b> <ul style="list-style-type: none"> <li>▪ Minimum 2.0 GPA required in major, minor, &amp; overall.</li> <li>▪ Some majors require higher GPA.</li> <li>▪ Latin Honors GPA requirements:                             <ul style="list-style-type: none"> <li>○ Summa cum laude: 3.9-4.0</li> <li>○ Magna cum laude: 3.80-3.89</li> <li>○ Cum laude: 3.60-3.79</li> </ul> </li> </ul>	Cumulative GPA	
	Major 1 GPA	
	Major 2 GPA	
	Minor GPA	

Other Limits	Minimum/Maximum	Your Total
<b>Overall maximum courses graded Pass/No Pass (P/N)</b> <ul style="list-style-type: none"> <li>▪ Grade of 2.0 or above required to Pass and earn credit for course.</li> <li>▪ Maximum of 8 of 24 sem. credits P/N may be in major.</li> </ul>	Maximum of 24 sem. Credits	
<b>Major Courses graded Pass/No Pass (P/N)</b>	Maximum of 8 semester credits	
<b>Latin Honors courses graded Pass/No Pass (P/N)</b>	Maximum of 8 semester credits	
<b>Latin Honors traditionally graded courses</b>	Minimum of 54 semester credits	
<b>Internships</b>	Maximum of 16 semester credits	
<b>Independent/Directed Studies</b>	Maximum of 8 semester credits	

## Sample Four-Year Plan (B.A.)

This is only a possible plan for the Bachelor of Arts in MIS. Please consult with your faculty advisor for more information about course offerings and planning. An internship is recommended to fulfill the Augsburg Experience requirement.

### Freshman Year

#### Fall Term

MIS 260  
ECO 113  
LAF Course  
ENL 111  
AugSem

#### Spring Term

CSC 160  
MAT 171  
REL 100  
LAF Course  
HPE 001

### Sophomore Year

#### Fall Term

ACC 221  
MIS 270  
BUS 242\*  
Modern Language

#### Spring Term

ACC 222  
CSC 170\*  
REL 200  
Modern Language

### Junior Year

#### Fall Term

BUS 264/379  
MIS 375  
LAF Course  
Major/Minor or Elective

#### Spring Term

MKT 252  
MIS 376  
LAF Course  
Major/Minor or Elective

### Senior Year

#### Fall Term

MIS 475 – WEC  
FIN 331  
LAF Course  
Major/Minor or Elective  
HPE Skill

#### Spring Term

MIS 476 - WEC  
KEY 490  
LAF Course  
Major/Minor or Elective

### Notes:

- CSC 240 may be substituted for CSC 170 and BUS 200 may be substituted for BUS 242.

## Business Department

The Business Department is located in Memorial Hall. You may contact the following faculty for more information on MIS major requirements, and also check out the website at: [www.augsburg.edu/business](http://www.augsburg.edu/business).

Kathryn Schwalbe, Professor  
Phone: 612-330-1766  
Email: [schwalbe@augsborg.edu](mailto:schwalbe@augsborg.edu)

Milo Schield, Professor, MIS Coord.  
Phone : 612-330-1153  
Email : [schild@augsborg.edu](mailto:schild@augsborg.edu)

Marc Isaacson  
Assistant Professor  
Phone: 612-330-1194  
Email: [isaacson@augsborg.edu](mailto:isaacson@augsborg.edu)

Magdalena Paleczny-Zapp  
Associate Professor & Dept. Chair  
Phone: 612-330-1761  
Email: [paleczny@augsborg.edu](mailto:paleczny@augsborg.edu)

Kelly Ackerman  
Department Administrator  
Phone: 612-330-1225  
Email: [ackerman@augsborg.edu](mailto:ackerman@augsborg.edu)

## What can I do with a MIS major?

The following jobs are some of the positions that MIS majors could pursue. Some may require professional or graduate school or certification.

For more information on possible careers in MIS, please talk with your faculty advisor, and also the Center for Service, Work and Learning.

Business Analyst  
Business Application Developer  
Computer Analyst  
Computer Network Manager  
Computer Support Specialist  
Consultant  
Data Processing Manager  
Data Analyst  
Database Administrator  
Help Desk Support  
Illustrator  
Information Scientist  
Intranet Developer  
Professor  
Programmer  
Project Manager  
Software Designer  
Systems Analyst  
Teacher  
Technical Support Specialist  
Web Developer  
Webpage Designer

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