



Undergraduate Degree Map for Completion in Four Years

College:	College of Science, Engineering & Technology <input type="button" value="v"/>
Department:	Computer Information Science <input type="button" value="v"/>
Name of Program:	INFORMATION SYSTEMS <input type="button" value="v"/>
Degree Designation:	BS <input type="button" value="v"/>
Emphasis/Concentration:	<input type="text"/> <input type="button" value="v"/>
Option:	<input type="text"/>
Version:	4 <input type="button" value="v"/>
Version Explanation:	Student starts with MATH 112 or higher completed and pursuing the Integrated Business Experience
Type of Program:	Broad Major <input type="button" value="v"/>
Minor Required:	No <input type="button" value="v"/>
Specific Minor (if required):	<input type="text"/>

Program Description:

The Bachelor of Science in Information Systems program provides students with a firm grasp of business concepts and information systems applications, and prepares them to create innovative solutions for significant business problems. Students gain the ability to integrate hardware, software, and management skills to solve problems in a variety of business areas. The program's mission is to ensure that each graduate is exceptionally well-qualified to undertake a successful information systems career in business, industry, education, or government. In support of this mission, the program is designed so that:

- Each student will gain a sound foundation in computing basics: analysis and design, programming, testing, software development, security, database, and human-computer interaction.
- Each student will assimilate a solid base of business enterprise concepts, operations, and enterprise resource planning (ERP).
- Each student will learn the theory and practice of information technology, and develop skills to apply this knowledge to analyze and solve business problems.
- Each student will develop analytical, critical thinking, and interpersonal skills applicable to real-world problems.
- Each student will develop effective oral and written communication skills.
- Each student will appreciate the social and ethical issues in information systems.

Admission Requirements:

Admission to the Major is required before the student is permitted to take 300- and 400-level courses.

Requirements are:

- A minimum of 32 earned semester credits
- Completion of MATH 181 or MATH 121 with a grade of "C" or better
- Completion of ENG 101 with a grade of "C" or better each, and a combined GPA of 2.5 in these courses (or their equivalents).
- Completion of IT 210 and IT 214 with a grade of "C" or better in each, and a combined GPA of 2.5 in these courses (or their equivalents)

Advising:

You are expected to meet with your advisor on a regular basis to ensure courses are taken in an order that will lead to successful completion of the degree.

A complete listing of program faculty, policies, and course descriptions is available in the undergraduate bulletin.

TERM 1 - FALL

Designator:	Course:	Course Name:	Credits:	Milestones:
				Overall GPA \geq 2.0 Course Completion Rate \geq 67% Completion of \geq 15 credit hours
IT	210	Fundamentals of Programming	4	
MATH	181	Intuitive Calculus	3	
ENG	101	Composition	4	
FYEX	100	First Year Seminar	1	

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Term 1 Notes:

Must receive C or above (not C-) in MATH 181 and B or above (not B-) in IT 210 to advance to IT 214.

TERM 2 - SPRING

Designator:	Course:	Course Name:	Credits:	Milestones:
				Overall GPA \geq 2.0 Course Completion Rate \geq 67% Completion of \geq 30 credit hours Advance to Sophomore status
CMST	100	Fundamentals of Communication	3	
IT	214	Fundamentals of Software Development	4	
IT	340	Intro to Database Systems	4	
Gen Ed	Goal Area 6, 8 and Diversity	Some possible courses are ART 160, EET 125, HUM 282	3-4	

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Term 2 Notes:

Provisional admission to major required to register for IT 340

TERM 3 - FALL

Designator:	Course:	Course Name:	Credits:	Milestones:
				Overall GPA \geq 2.0 Course Completion Rate \geq 67%
ACCT	200	Financial Accounting	3	
ECON	207	Business Statistics	4	
IT	380	Systems Analysis and Design	4	
Gen Ed	Goal Area 11	Any Goal Area 11 course	1	

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
		Free Elective. Additional credits toward graduation	1-4	Overall GPA \geq 2.0 Course Completion Rate \geq 67%

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Term 3 Notes:

Provisional Admission to Major required to register for IT 380

TERM 4 - SPRING

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA \geq 2.0 Course Completion Rate \geq 67% Completion of \geq 60 credit hours Advance to Junior status
IT	440	Database Management Systems II	4	
IT	350	Information Security	4	
Gen Ed	Goal Areas 3 & 10	Some possible courses are ANTH 210, GEOG 101, GEOL 100	3-4	
Gen Ed	Goal Areas 5, 7 & Diversity	Some possible courses are ETHN 100, HIST 155, SOC 150	3-4	

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Term 4 Notes:

TERM 5 - FALL

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA \geq 2.0 Course Completion Rate \geq 67% Apply for Graduation
IT	482	Human Computer Interaction	4	
ENG	271W	Technical Communication	4	
CMST	212	Professional Communication and Interviewing	4	
PHIL	224W	Business Ethics	3	

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Term 5 Notes:

TERM 6 - SPRING

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA \geq 2.0 Course Completion Rate \geq 67% Completion of \geq 90 credit hours Advance to Senior status

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA \geq 2.0 Course Completion Rate \geq 67% Completion of \geq 90 credit hours Advance to Senior status
IT	484	Software Engineering	4	
IT	480	Software Quality Assurance and Testing	4	
IT	202W	Computers in Society	4	
Gen Ed	Goal Area 5	Any Goal Area 5 course from a different discipline than in term 4	3	

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Term 6 Notes:

TERM 7 - FALL

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA \geq 2.0 Course Completion Rate \geq 67%
FINA	362	Business Finance	3	
IT	499	Individual Study	3	
MGMT	330	Principles of Management	3	
MRKT	310	Principles of Marketing	3	

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Term 7 Notes:

All these classes must be taken together as part of the Integrated Business Experience (IBE).

TERM 8 - SPRING

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA \geq 2.0 Course Completion Rate \geq 67%
		Cluster 1 Elective Course (one of ACCT 210, BLAW 371, MGMT 346, MGMT 473)	3	
Gen Ed	Goal Area 3	Any Goal Area 3 course that is a different discipline than the course in Term 4. At least one of the two courses must be a Lab course.	3-4	
Gen Ed	Goal Area 11	Any Goal Area 11 course	1	
IT	497	Internship	1-3	
		Free Electives. As needed to achieve at least 120 credits for degree	1-8	

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Term 8 Notes:

PROGRAM NOTES

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DEGREE MAP CHECKLIST: GRADUATION REQUIREMENTS

<input checked="" type="checkbox"/>	1. Minimum of 15 credits per semester
<input checked="" type="checkbox"/>	2. General Education = 44 credits
<input checked="" type="checkbox"/>	3. Diverse Cultures = 2 course (6 credits minimum) from two disciplines
<input checked="" type="checkbox"/>	4. Writing Intensive = 2 courses (6 credits minimum)
<input checked="" type="checkbox"/>	5. Major = 86 credits
<input checked="" type="checkbox"/>	6. Upper-Division Requirements = 40 credits minimum
<input type="checkbox"/>	7. Professional Education (if required) = 30 credits
<input type="checkbox"/>	8. Language Requirements (if BA) = 8 credits minimum
<input type="checkbox"/>	9. Minor = <input type="text"/> credits
<input checked="" type="checkbox"/>	10. Total credits required for degree <input type="text"/>

DEGREE MAP COMPLETE

<input checked="" type="checkbox"/>	<p>Map is complete and ready for review</p> <ol style="list-style-type: none"> 1. Faculty please send an email to your Department Chair when map is ready to review. 2. Department Chair please send an email to your Dean when map is ready to review. 3. Dean please send an email to the Assistant Vice President for Undergraduate Studies when map is ready to review.
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DEAN APPROVAL

<input checked="" type="checkbox"/>	Map reviewed and approved by Dean
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Save and Close