



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:	COMPUTER AND INFORMATION TECHNOLOGY <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:	1 <input type="button" value="v"/>
Version Explanation:	Student starts with MATH 112 or higher already completed
Type of Program:	Standard Major <input type="button" value="v"/>
Minor Required:	Yes <input type="button" value="v"/>
Specific Minor (if required):	Any non-computing minor

Program Description:

Computer Information Technology (CIT) in its broadest sense encompasses all aspects of computing technology. CIT, as an academic discipline, focuses on meeting the needs of users within an organizational and societal context through the election, creation, application, integration and administration of computing technologies. The aim is to provide CIT graduates with the skills and knowledge to take on appropriate professional positions in Information Technology upon graduation and grow into leadership positions or pursue research or graduate studies in the field. The CIT program also has five minors.

Admission Requirements:

Admission to the CIT major is required before the student is permitted to take 300- and 400-level courses. Requirements for admission to IT program are:

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

Applications for admission are available in the College Advising Center, Trafton C-125.

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

<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 15 credit hours
IT	210	Fundamentals of Programming	4	
ENG	101	Composition	4	
CMST	100 102 212	Fundamentals of Communication OR Public Speaking OR Professional Communication & Interviewing	3-4	
MATH	181 121	Intuitive Calculus OR Calculus I Take Calculus I if minoring in MATH.	3-4	
FYEX	100	First Year Seminar	1	

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Term 1 Notes:

Must receive C (not C-) or better in MATH 121 or 181 and B (not B-) or better in IT 210 to advance to IT 214

TERM 2 - 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 30 credit hours Advance to Sophomore status
Gen Ed	Goal Area 3	Goal Area 3 Lab course	3-4	
IT	214	Fundamentals of Software Development	4	
Gen Ed	Goal Area 5	Any Goal Area 5 course	3-4	
IT	340	Intro to Database Systems	4	
Gen Ed	Goal Area 11	Any Goal Area 11 course	1	

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Term 2 Notes:

Provisional Admission to major required to register for IT 340.

TERM 3 - 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%
Gen Ed	Goal Area 3	Goal Area 3 Lab or non-lab course. Must be from different discipline than in Term 2	3-4	
Gen Ed	Goal Area 6, 8 and Diversity	Some possible courses are ART 160, EET 125, HUM 282	3-4	

<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%
ENG	271W	Technical Communication	4	
Gen Ed	Goal Area 5, 7 and Diversity	Some possible courses are ETHN 100, HIST 155, SOC 150. Must be from different discipline than Goal Area 5 course in Term 2	3-4	
Gen Ed	Goal Area 11	Any Goal Area 11 course	1	

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Term 3 Notes:

Requirements for Permanent Admission to Major are complete at the conclusion of this term.

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
STAT	154	Elementary Statistics. If minoring in MATH, consider taking STAT 354.	3	
Gen Ed	Goal Area 10	Any Goal Area 10 course	3-4	
IT	350	Information Security	4	
Minor		A course in the selected minor for which prerequisites have been met	3-4	

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Term 4 Notes:

Common minors to accompany the CIT major include: Math, English Technical Communication, Electronic Engineering Technology, Geography, Psychology, Art. Any non-computing minor is allowed.

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	380	Systems Analysis & Design	4	
IT	320	Machine Structures & Operating Systems	4	
IT	360	Introduction to Networking	4	
Minor		A course in the selected minor for which prerequisites have been met	3-4	

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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 ≥ 2.0 Course Completion Rate $\geq 67\%$ Completion of ≥ 90 credit hours Advance to Senior status
IT	440	Database Management Systems II	4	
IT	202W	Computers in Society	4	
Minor		A course in the selected minor for which prerequisites have been met	3-4	
		Free Elective. Use if needed to retain full-time status	1-4	

Insert item

Term 6 Notes:

TERM 7 - FALL

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA ≥ 2.0 Course Completion Rate $\geq 67\%$
IT		Restricted Elective in major. Choose a course from one of the available clusters listed in the bulletin	4	
IT	480	Software Quality Assurance & Testing	4	
Gen Ed	Goal Area 6	Any Goal Area 6 course but must be from different discipline than in Term 3	3-4	
Minor		A course in the selected minor for which prerequisites have been met	3-4	
IT	497	Internship. Internship experience may have been in previous summer.	1-3	

Insert item

Term 7 Notes:

TERM 8 - SPRING

<i>Designator:</i>	<i>Course:</i>	<i>Course Name:</i>	<i>Credits:</i>	<i>Milestones:</i>
				Overall GPA ≥ 2.0 Course Completion Rate $\geq 67\%$
IT		Restricted Elective in major. Choose a different course from the same cluster as in Term 7	4	
Minor		A course in the selected minor for which prerequisites have been met	3-4	
IT	483	Web Application and User Interface Design	4	
IT	497	Internship. Internship experience may have been in previous summer	1-3	
		Free Elective. Only required if total credits is less than 120	1-4	

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Term 8 Notes:

PROGRAM NOTES

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 = <input type="text" value="72"/> 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 checked="" type="checkbox"/>	9. Minor = <input type="text" value="20"/> credits
<input checked="" type="checkbox"/>	10. Total credits required for degree <input type="text"/>

DEGREE MAP COMPLETE

<input checked="" type="checkbox"/>	Map is complete and ready for review <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