



First Semester (16 Hours) | AAS Degree

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ITD 1033 Computer Logic & Flowcharting	3		ORIE 1011 College Strategies		1	
	ITD 1213 Hardware Systems Support	3		ENGL 1113 Freshman Composition I [Ⓞ] OR ENGL 1033 Technical Writing I [Ⓞ]		3	
	ITD 1243 Principles of Information Security Corequisite: ENGL 1033 or ENGL 1113	3		HIST 1483 US History to 1865 OR HIST 1493 US History since 1865		3	
				COWBOY UP! New Student Orientation		0	

Second Semester (15 Hours) | AAS Degree

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ITD 1223 Network Systems Prerequisite: ITD 1213	3		ENGL 1213 Freshman Composition II OR Prerequisite: ENGL 1113 ENGL 2033 Technical Writing II Prerequisite: ENGL 1033		3	
	ITD 2223 Operating Systems	3		MATH 1513 Pre-Calculus [Ⓞ]		3	
				POLS 1113 US Government		3	

Third Semester (15 Hours) | AAS Degree

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ITD 1353 Web Development	3		SPCH 1113 Intro to Speech Communications OR SPCH 2313 Small Group Communications		3	
	ITD 2313 Script Programming Prerequisite: ITD 1033	3		Approved Humanities Elective Consult with advisor for an approved list of electives.		3	
	ITD 1203 Introduction to C Programming Prerequisite: ITD 1033	3					

Fourth Semester (15 Hours) | AAS Degree

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ITD 1403 Cyber Ethics & Law Prerequisite: ENGL 1033 or ENGL 1113	3		Approved General Education Elective To be selected from Social & Behavioral Sciences, Foreign Language or Fine Arts. Consult with advisor for an approved list of electives.		3	
	ITD 2203 Database Systems Prerequisite: ITD 1033	3		Approved Humanities Elective Consult with advisor for an approved list of electives.		3	
	ITD 2343 Object-Oriented Programming Using C# Prerequisite: ITD 1033	3					

FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class

★ Recommended

Ⓞ Corequisite strategies course available. See advisor for details.

Completion of AAS in Information Technologies Degree Requirements

**BT in Information Technologies - Software Development Requirements
continued on next page**

Fifth Semester (15 Hours) | BT Degree

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ITD 3243 Server-Side Web Programming Prerequisites: ITD 1353 and ITD 2203	3		MATH 2143 Pre-Discrete Mathematics Prerequisite: MATH 1513	3		
	Approved Upper-Division Technical Elective Consult with advisor for an approved list of electives.	3		Approved General Education Elective Consult with advisor for an approved list of electives.	3		
	Approved Upper-Division Technical Elective Consult with advisor for an approved list of electives.	3					

Sixth Semester (17 Hours) | BT Degree

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ITD 3201 Employment Orientation Prerequisites: Department approval and a 2.5 GPA or higher	1		MATH 3103 Discrete Mathematics Prerequisites: MATH 2143	3		
	ITD 3333 Application Development Using .NET Prerequisites: ITD 1353, ITD 2203 and ITD 2343	3		Approved General Education Elective Consult with advisor for an approved list of electives.	3		
	ITD 3663 Mobile Programming Prerequisites: ITD 1203 and ITD 1353	3		Approved Science Elective Consult with advisor for an approved list of electives.	4		

Seventh Semester (16 Hours) | BT Degree

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ITD 3453 Information Systems & Architecture Prerequisites: ITD 1033 and ITD 1223	3		Approved General Education Elective Consult with advisor for an approved list of electives.	3		
	ITD 3773 Software Systems Integration Prerequisites: ITD 1243, ITD 2313 and ITD 2203	3		Approved Science Elective Consult with advisor for an approved list of electives.	4		
	ITD 3793 IT Project Management Prerequisite: ITD 1243	3					

Eighth Semester (12 Hours) | BT Degree

Program Requirements		Hours	✓	General Education Courses		Hours	✓
FULL	ITD 4753 Applied Research & Development Prerequisites: ITD 3793, enrollment in the final semester of the BT in Information Technologies program, department approval and a 2.5 GPA or higher	3					
	ITD 4809 IT Internship Prerequisites: ITD 3201, department approval and a 2.5 GPA or higher	9					

FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class

* Recommended

⊕ Corequisite strategies course available. See advisor for details.

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