

Prerequisites				
Courses	Classes	FA	SP	SU
Mathematics Requirement				
MAC1105	College Algebra	✓	✓	✓
MAC1114	Trigonometry	✓	✓	✓
MAC1140	Pre-Calculus	✓	✓	✓
Calculus Requirement (select 1)				
MAC2311C	Calculus I (<i>Graduate Pathway</i>)	✓	✓	✓
EGN2045	Engineering Technical Calculus I (<i>Technical Pathway</i>)	✓	✓	
Statistics Requirement (select 1)				
EGN3443	Probability and Statistics for Engineers <i>Preferred</i>	✓	✓	✓
STA2023	Elementary Statistics	✓	✓	✓
Discrete Requirement (select 1)				
COT3100	Discrete Analysis <i>Preferred</i>	✓	✓	
MAD2104	Discrete Mathematics	✓		
Foundational Programming Requirement				
COP1000	Principles of Computer Programming	✓	✓	✓
Programming Course (select 1)				
COP2800	Computer Programming Java	✓	✓	
COP2360	C# Programming	✓	✓	✓
COP2220	Computer Programming C	✓	✓	
Digital Requirement (select 1)				
CET3116	Digital Technology <i>Preferred</i>	✓	✓	✓
CET1112C	Digital Fundamentals and Lab	✓	✓	✓
Electrical Requirement (Select One of the Following Three Options)				
EET3086	Electrical Circuits <i>Preferred</i>	✓	✓	✓
OR				
EET3085 Lecture Only	Principles of Electrical Circuits	✓	✓	✓
AND				
EET1021C	Advanced Electrical Circuits and Lab (AC)	✓	✓	
OR				
EET1011C	Introduction to Electrical Circuits and Lab (DC)	✓	✓	
AND				
EET1021C	Advanced Electrical Circuits and Lab (AC)	✓	✓	
Lower Level Technical Electives: Student must complete 44 approved hours of lower-level technical coursework.				

Requirements (45 credit hours)				
Courses	Classes	FA	SP	SU
CIS 4250	Ethical Issues in IT	✓		✓
	PR: GEB3213			
GEB 3213	Business Writing	✓	✓	✓
	PR: ENC 1101			
COP 3530	Data Structures	✓	✓	
	PR: COP2800 or COP2220 or COP2360 and (COT3100 or MAD2104)			
CTS3348	Linux Administration	✓		✓
	PR: MAC1105 or Higher			
CEN 3722	Human Computer Interfaces	✓	✓	
	PR: COP2800 or COP2220 or COP2360			
COP 4708	Applied Database I	✓	✓	
	PR :COP2800 or COP2220 or COP2360			
COP 4610	Operating Systems	✓	✓	
	PR: CTS3348			
CIS 4360	Applied Cybersecurity	✓	✓	✓
	PR: CTS3348 and (CET1600 or CNT3104)			
CNT 3104	Introduction to Telecommunications	✓		✓
	PR: EET1021C or EET3086			
CNT 4007	Data and Computer Communications	✓	✓	
	PR: CNT3104 and (STA2023 or EGN3443)			
CNT 4703	Voice and Data Network Design	✓		✓
	PR: CNT4007			
CDA 4101	Computer Organization and Design	✓	✓	
	PR: CET1112C or CET3116			
CEN 4801	Systems Integration	✓		
	PR: (COP4708 and COP3530)			
CEN 4010	Software Engineering		✓	
	PR: COP3530			
COP 4813	Web Systems I	✓		
	PR: COP3530			
CIS 4510	IT Project Management		✓	
	PR: CEN4801			
General Education Requirements: Student must complete State required general education courses. This requirement is considered complete with an AA from an accredited Florida State School; two (2) semesters of a foreign language completed in a Florida State School or transferred from a high school; completion of Florida Civics Literacy course and Exam are required.				

To complete the bachelor's degree in BSIT students must select one (1) course (3 credit hours) from the courses listed below.

Courses	Classes	FA	SP	SU
COP4834	Web Systems II		✓	
COP4709	Applied Database II		✓	
CET4860	Introduction to Digital Forensics		✓	✓
CET4861	Advanced Digital Forensics	✓		
CET4862	Network Forensics & Incident Response		✓	
CET4884	Security Methods and Practice	✓		

Advanced Technical Certificates				
To earn one of the following Advanced Technical Certificates, students must complete all courses listed under that certificate.				
Web Systems Software Development				
Courses	Classes	FA	SP	SU
COP4813	Web Systems I	✓		
COP4708	Applied Database I	✓	✓	
COP4834	Web Systems II			✓
COP4709	Applied Database II			✓
COP3530	Data Structures	✓	✓	
CEN3722	Human Computer Interfaces	✓	✓	
CIS4510	IT Project Management			✓

Cybersecurity & Cyberforensics				
Courses	Classes	FA	SP	SU
CET4860	Introduction to Digital Forensics		✓	✓
	PR: CIS4360			
CET4861	Advanced Digital Forensics	✓		
	PR: CET4860			
CET4862	Network Forensics & Incident Response			✓
	PR: CIS4360			
CTS3348	Linux Administration	✓		✓
	PR: MAC1105 or Higher			
CIS4360	Applied Cybersecurity	✓	✓	✓
	PR: GEB3213 or ENC2210			
CET4884	Security Methods and Practice	✓		
	PR: GEB3213 or ENC2210			

Legend:

Prerequisites	
BSIT Program Requirement	
Web Systems Software Development (Adv. Tech. Cert.) Upper-Level Tech. Elective	
Cybersecurity & Cyberforensics (Adv. Tech. Cert.) Upper-Level Tech. Elective	
✓	Course Available
	Not Offered