



This course plan is a recommended sequence for this major. Courses designated as critical (!) may have a deadline for completion and/or affect time to graduation. Please see the Program Notes section for details regarding “critical courses” for this particular Program of Study.

!	Course Subject and Title	Credit Hours	Min. Grade <sup>1</sup>	Program GPA <sup>2</sup>	Code	Prerequisites	Notes
<b>Semester One (16 Credit Hours)</b>							
	IITEC 101 Thriving in the Tech Age	3	C	*	PR		
	ENGL 101 Critical Reading and Composition	3	C		CC-CMW		
	STAT 201 Elementary Statistics <sup>3</sup>	3			CC-ARP	MATH 111 <i>or</i> 115 <i>or</i> STAT 110	
	Carolina Core SCI <sup>4</sup>	4			CC-SCI		
	Approved Elective ( <i>UNIV 101 recommended</i> ) <i>or</i> Carolina Core Requirement <sup>4</sup>	3			PR/CC		
<b>Semester Two (15 Credit Hours)</b>							
	IITEC 233 Intro. to Computer Hardware & Software Support	3	C	*	PR		
!	IITEC 264 Computer Applications in Business I	3	C	*	PR		
	ENGL 102 Rhetoric and Composition	3			CC-CMW CC-INF	C or better in ENGL 101	
	Carolina Core GSS <sup>4</sup>	3			CC-GSS		
	Carolina Core SCI <sup>4</sup>	3			CC-SCI		
<b>Semester Three (15-17 Credit Hours)</b>							
!	IITEC 245 Introduction to Networking	3	C	*	PR	C or better in IITEC 233	
!	IITEC 265 Computer Applications in Business II	3	C	*	PR		
!	CSCE 204 Program Design & Development ( <i>cross-listed MGSC 298</i> ) <i>or</i> CSCE 145 Algorithmic Design I	3-4	C	*	PR	CSCE 101 <i>or</i> MGSC 290 <i>or</i> IITEC 264 ( <i>CSCE 204</i> ); MATH 111 <i>or</i> 115 ( <i>CSCE 145</i> )	
	RETL 261 Principles of Accounting I	3			PR		
	Carolina Core GFL <sup>5</sup> <i>or</i> Approved Elective <sup>6</sup>	3-4			CC-GFL /PR		
<b>Semester Four (15-16 Credit Hours)</b>							
	IITEC 352 Software Design <i>or</i> CSCE 146 Algorithmic Design II	3-4	C	*	PR	C or better in CSCE 204 ( <i>IITEC 352</i> ); C or better in CSCE 145 & Prereq or Coreq; MATH 122 <i>or</i> 141 ( <i>CSCE 146</i> )	
	IITEC 362 Web-based Support Systems	3	C	*	MR	C or better in IITEC 101, CSCE 101 <i>or</i> CSCE 102	
	IITEC 370 Database Systems in IT	3	C	*	MR	C or better in IITEC 265	
	RETL 262 Principles of Accounting II	3			PR	RETL 261	
	Carolina Core GFL <sup>5</sup> <i>or</i> Approved Elective <sup>6</sup>	3			CC-GFL /PR		
<b>Semester Five (15 Credit Hours)</b>							
	IITEC 242 Business Communication <i>or</i> ENGL 462 Technical Writing <i>or</i> ENGL 463 Business Writing	3			PR	C or better in ENGL 101 & 102	
!	IITEC 301 Professional Internship Seminar	3	C	*	MR	C or better in IITEC 264 & 265	
!	IITEC 445 Advanced Networking	3	C	*	MR	C or better in IITEC 245	
	MATH 174 Discrete Math. for Computer Science	3	C		CC-ARP	C or better in MATH 115, 116, 122, <i>or</i> 141 <i>or</i> Math placement test score	
	Carolina Core GHS <sup>4</sup>	3			CC-GHS		
<b>Semester Six (15 Credit Hours)</b>							
	IITEC 444 Intro. to Human Computer Interaction	3	C	*	MR	C or better in either CSCE 204 <i>or</i> 145; & C or better in IITEC 362	
	IITEC 447 Management of Information Technology	3	C	*	MR	C or better in IITEC 101 & 245	
	IITEC 493 IT Security for Managers	3	C	*	MR	C or better in IITEC 445	
	SPCH 140 Public Communication <i>or</i> SPCH 230 Business & Professional Speaking	3			CC-CMS		
	SPTE 240 Business Law	3			PR		
<b>Summer After Junior Year (6 Credit Hours)</b>							
!	IITEC 495 – Professional Internship <sup>7</sup>	6	C	*	MR	C or better in IITEC 301	

Semester Seven (12 Credit Hours)							
!	IITEC 560 Analysis & Applications of Project Mgmt. Software	3	C	*	MR	C or better in IITEC 362; & C or better in IITEC 264 <i>or</i> MGSC 290	
	HRTM 344 Personnel Organization & Supervision <i>or</i> MGMT 371 Principles of Management	3			PR		
	ECON 224 Introduction to Economics	3			PR		
	Carolina Core VSR <sup>4</sup> <i>or</i> Approved Elective <sup>6</sup>	3			CC/PR		
Semester Eight (12 Credit Hours)							
	IITEC 564 Project Mgmt. for Info. Systems ( <i>capstone</i> )	3	C	*	MR CC-INT	C or better in IITEC 362 & IITEC 560	
!	IITEC Elective <sup>8</sup> ( <i>400-500 level</i> )	3	C	*	MR	See Bulletin listing.	
	Carolina Core AIU <sup>4</sup>	3			CC-AIU		
	Approved Elective <sup>6</sup>	2			PR		

### Graduation Requirements Summary

Minimum Total Hours	Minimum Major Requirements Hours	College & Program Requirements Hours	Carolina Core Hours	Minimum Institutional GPA
120	36	41-53	31-43	2.00

- Regardless of individual course grades, students must maintain a minimum 2.00 cumulative GPA.
- Some colleges require a minimum GPA for major courses. Courses indicated in this column are included in the Integrated Information Technology program GPA minimum requirement of 2.00.
- If previously taken, STAT 205 - Elementary Statistics for the Biological and Life Sciences, can be used to satisfy the STAT 101 requirement.
- The [Carolina Core](#) provides the common core of knowledge, skill and academic experience for all Carolina undergraduate students.
- Students in the College of Engineering and Computing are required to demonstrate proficiency in one foreign language equivalent to the 121 course by either 1) scoring two or better on the foreign language placement test; or 2) completion of the 109 and 110 courses in one foreign language or completion of the 121 course in another foreign language.
- The IIT curriculum includes 2-14 hours of approved (free) electives, depending on how students fulfill the Carolina Core requirements. Any course in the university can be used to satisfy the elective requirement (including additional electives in the major). Although not required, UNIV 101 is a recommended elective for all students in their first semester attending University of South Carolina.
- Internship coordinated by a faculty member and supervised by an approved business supervisor. Internship agreement approval by supervisor and instructor is required.
- IITEC Elective** (3 hours): IITEC 475, IITEC 476, IITEC 544, IITEC 545, IITEC 552, IITEC 562, IITEC 570, IITEC 586, IITEC 590

### Program Notes:

- Courses designated as “critical” (!) may affect time to graduation due to prerequisite requirements for subsequent required courses.
- In order to satisfy the requirements for a degree in Integrated Information Technology and regardless of other satisfactory work, a student may not take an IITEC course more than two times. For this purpose, withdrawal from a course with a grade of **W** is not regarded as enrollment in that course.
- The last 30 credit hours toward your degree and at least half of the major must be earned in residence at the University of South Carolina-Columbia.
- Disclaimer: Prerequisites on courses are subject to change. Please refer to Bulletin.

**University Requirements:** Bachelor’s degree-seeking students must meet Carolina Core (general education) requirements. For more information regarding these requirements, please visit the [Carolina Core](#) page on the University website.

Codes:			
<b>CC</b>	Carolina Core	<b>CC-INF</b>	Carolina Core – Information Literacy
<b>CC-AIU</b>	Carolina Core-Aesthetic and Interpretive Understanding	<b>CC-INT</b>	Carolina Core – Integrative Course
<b>CC-ARP</b>	Carolina Core-Analytical Reasoning and Problem-Solving	<b>CC-SCI</b>	Carolina Core – Scientific Literacy
<b>CC-CMS</b>	Carolina Core-Effective, Engaged, and Persuasive Communication: Spoken Component	<b>CC-VSR</b>	Carolina Core – Values, Ethics, and Social Responsibility
<b>CC-CMW</b>	Effective, Engaged, and Persuasive Communication: Written Component	<b>CR</b>	College Requirement
<b>CC-GFL</b>	Carolina Core-Global Citizenship and Multicultural Understanding: Foreign Language	<b>MR</b>	Major Requirement
<b>CC-GHS</b>	Carolina Core – Historical Thinking	<b>PR</b>	Program Requirement
<b>CC-GSS</b>	Carolina Core – Social Sciences		

Disclaimer: Major maps are only a suggested or recommended sequence of courses required in a program of study. Please contact your academic advisor for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.