

**DIXIE STATE COLLEGE**  
**Computer Information Technology (CIT)**

**Bachelor of Science (BS) Degree Requirements:**

1. Complete all General Education & Institutional Course Requirements. See Course Catalog (Pages 71-73)
2. Complete at least 120 college-level credits (1000 and above)
3. Complete at least 40 upper-division credits (3000 and above)
4. Complete at least 30 upper-division credits (3000 and above) at DSC for Institutional Residency
5. Grade and GPA Requirements: Minimum Cumulative 2.0 GPA  
Minimum "C minus" grade in each Departmental Academic Requirement course listed below:

**DEPARTMENTAL ACADEMIC REQUIREMENTS**

<b>Core CIT Requirements</b>		<b>24 Credits</b>
CS 1400	Fundamentals of Programming	3
CS 1410	Object-Oriented Programming	3
CS 2420	Intro to Algorithms and Data Structures	3
CS 2450	Software Engineering	3
CS 3005	Programming in C++	2
CS 3500	Application Development	3
ENGL 3010	Writing in the Professions	3
IT 1100	Introduction to Operating Systems	3
IT 2400	Introduction to Networking	3
IT 3100	Systems Design and Administration I	3
IT 3500	Electronics Commerce	3
VT 1300	Communication Design	3
VT 1400	Intro to Internet Development	3
VT 2500	Computer Illustration	3
VT 2600	Creative Imaging	3
VT 3000	Internet Publishing and Design	3
VT 3100	Interactive Multimedia	3

<b>Other Core CIT Requirements</b>		<b>6-8 Cred</b>
<b>Complete One of the Following:</b>		<b>Select One</b>
Math 1100	Business Calculus	3
Math 1210	Calculus I	5
<b>Complete One of the Following:</b>		<b>Select One</b>
CS 4600	Senior Project	3
IT 4600	Senior Project	3
VT 4600	Senior Project	3

<b>Elective Requirements</b>		<b>21 Credits</b>
See catalog for list of course options (page 72-73)		

**FOUR YEAR PLAN (SAMPLE)**

<b>FIRST YEAR (FALL)</b>			<b>FIRST YEAR (SPRING)</b>		
Course #	Course Title	Credit	Course #	Course Title	Credit
VT 1300	Communication Design	3	IT 1100	Introduction to Operating Systems	3
VT 1400	Fundamentals of Programming	3	CS 1400	Fundamentals of Programming	3
Engl 1010	Introduction to Writing	3	VT 2500	Computer Illustration	3
Lib 1010	Information Literacy	1	Engl 2010	Intermediate Writing	3
Math 1100 or 1210	Business Calculus or Calculus I	3-5	CIS 1200	Computer Literacy	0-3
CIT 1001	1st Year Experience	1			
		<b>14</b>			<b>15</b>
<b>SECOND YEAR (FALL)</b>			<b>SECOND YEAR (SPRING)</b>		
Course #	Course Title	Credit	Course #	Course Title	Credit
IT 2400	Introduction to Networking	3	CS 2420	Introduction to Algorithms and Data Structures	3
CS 1410	Object-Oriented Programming	3	CS 3005	Programming in C++	2
VT 2600	Creative Imaging	3	VT 3000	Internet Publishing and Design	3
GE-AI	American Institutions	3	GE-LS	Life Sciences	3
GE-FA	Fine Arts	3	GE-PS	Physical Sciences	3
		<b>15</b>	GE-Lab	Laboratory Science	0-1
					<b>15</b>
<b>THIRD YEAR (FALL)</b>			<b>THIRD YEAR (SPRING)</b>		
Course #	Course Title	Credit	Course #	Course Title	Credit
CS 3500	Application Development	3	CS 2450	Software Engineering	3
IT 3100	Systems Design and Administration I	3	Engl 3010	Writing in the Professions	3
VT 3100	Interactive Multimedia	3	CIT Elective	From Elective List	3
CIT Elective	From Elective List (Upper Division)	3	CIT Elective	From Elective List (Upper Division)	3
GE-Lit	Humanities/Literature	3	GE-SS	Social & Behavioral Sciences	3
		<b>15</b>			<b>15</b>
<b>FOURTH YEAR (FALL)</b>			<b>FOURTH YEAR (SPRING)</b>		
Course #	Course Title	Credit	Course #	Course Title	Credit
IT 3500	Electronic Commerce	3	VT, CS, or IT 4600	Senior Project	3
CIT Elective	From Elective List (Upper Division)	3	CIT Elective	From Elective List (Upper Division)	3
CIT Elective	From Elective List (Upper Division)	3	CIT Elective	From Elective List (Upper Division)	3
GE-Exp	Exploration	3		Elective Credit	3
GE-Glocup	Global & Cultural Perspectives	0-6		Elective Credit	3
		<b>16</b>			<b>15</b>

