

DIXIE STATE COLLEGE
COMPUTER & INFORMATION TECHNOLOGY: [Emphasis in Information Technology \(IT\)](#)

Bachelor of Science (BS) Degree Requirements:

1. Complete all General Education & Institutional Course Requirements. See Course Catalog (pages 74-75)
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

Core IT Emphasis Requirements		30 Credits
IT 1100	Introduction to Operating Systems	3
IT 2400	Introduction to Networking	3
IT 3100	Systems Design and Administration I	3
IT 3110	Systems Design and Administration II	3
IT 3500	Electronic Commerce	3
IT 4200	Advanced Web Delivery	3
IT 4300	Database Design and Management	3
IT 4500	Information Security	3
IT 4400	Network Design and Management	3
IT 4600	Senior Project	3

Other Core IT Emphasis Requirements		27 to 29 Credits
CS 1400	Fundamentals of Programming	3
CS 1410	Object-Oriented Programming	3
CS 2420	Intro to Algorithms and Data Structures	3
Math 1100 or 1210	Business Calculus or Calculus I	3-5
VT 1300	Communication Design	3
VT 1400	Introduction to Internet Development	3
VT 2500	Computer Illustration	3
VT 2600	Creative Imaging	3
ENGL 3010	Writing in the Professions	3

Elective Requirements	15 Credits
See catalog for list of course options (page 75)	

FOUR YEAR PLAN (SAMPLE)

FIRST YEAR (FALL)			FIRST YEAR (SPRING)		
Course #	Course Title	Credit	Course #	Course Title	Credit
CS 1400	Fundamentals of Programming	3	CS 1410	Object Oriented Programming	3
IT 1100	Introduction to Operating Systems	3	IT 2400	Introduction to Networking	3
VT 1300	Communication Design	3	VT 1400	Introduction To Internet Development	3
Math 1100 or 1210	Business Calculus or Calculus I	3-5	Engl 1010	Introduction to Writing	3
CIS 1200	Computer Literacy	0-3	Lib 1010	Information Literacy	1
CIT 1001	1st Year Experience	1	GE-SS	Social & Behavioral Sciences	3
		16			16
SECOND YEAR (FALL)			SECOND YEAR (SPRING)		
Course #	Course Title	Credit	Course #	Course Title	Credit
CS 2420	Introduction to Algorithms and Data Structures	3	VT 2600	Computer Imaging	3
VT 2500	Computer Illustration	3	IT 3110	Systems Design and Administration II	3
IT 3100	Systems Design and Administration I	3	GE-PS	Physical Sciences	3
Engl 2010	Intermediate Writing	3	GE-Lab	Laboratory Science	0-1
GE-FA	Fine Arts	3	GE-LS	Life Sciences	3
		15			13
THIRD YEAR (FALL)			THIRD YEAR (SPRING)		
Course #	Course Title	Credit	Course #	Course Title	Credit
IT 3500	Electronic Commerce	3	IT 4400	Network Design and Management	3
IT 4200	Advanced Web Delivery	3	IT 4500	Information Security	3
IT 4300	Database Design and Management	3	IT Elective	From Elective List	3
Engl 3010	Writing in the Professions	3	GE-AI	American Institutions	3
GE-LIT	Humanities / Literature	3	GE-EXP	Exploration	3
		15			15
FOURTH YEAR (FALL)			FOURTH YEAR (SPRING)		
Course #	Course Title	Credit	Course #	Course Title	Credit
IT Elective	From Elective List (Upper Division)	3	IT 4600	Senior Project	3
IT Elective	From Elective List (Upper Division)	3	IT Elective	From Elective List (Upper Division)	3
GE-GLOCUP	Global & Cultural Perspectives	0-6	IT Elective	From Elective List (Upper Division)	3
	Elective Credit	3		Elective Credit	3
	Elective Credit	3		Elective Credit	3
		15			15