

General Education Requirements: Students must complete the DSC requirements for General Education or equivalent.

IT Emphasis Requirements	Credits	Prerequisites and notes
<input type="checkbox"/> CS 1400, Fundamentals of Programming	3	
<input type="checkbox"/> CS 1410, Object Oriented Programming	3	CS 1400
<input type="checkbox"/> CS 2420, Intro to Algorithms and Data Structures	3	CS 1410
<input type="checkbox"/> IT 1100, Introduction to Operating Systems	3	
<input type="checkbox"/> IT 2400, Introduction to Networking	3	IT 1100 (Pre or Co-Requisite)
<input type="checkbox"/> IT 3100, Systems Design and Administration I	3	CS 1400 and IT 2400
<input type="checkbox"/> IT 3110, Systems Design and Administration II	3	IT 3100
<input type="checkbox"/> IT 3200, Perl Programming	3	CS 1410
<input type="checkbox"/> IT 3500, Electronic Commerce	3	
<input type="checkbox"/> IT 4200, Advanced Web Delivery	3	IT 3100 and VT 1400
<input type="checkbox"/> IT 4300, Database Design and Management	3	CS 1410 and IT 2400
<input type="checkbox"/> IT 4400, Network Design and Management	3	IT 2400
<input type="checkbox"/> IT 4600, Senior Project	3	Instructor Permission Required
<input type="checkbox"/> MATH 1100, Business Calculus or MATH 1210, Calculus I	3 5	MATH 1050 or MATH 1090 MATH 1050 and 1060, or MATH 1065
<input type="checkbox"/> VT 1300, Communication Design	3	
<input type="checkbox"/> VT 1400, Intro. to Internet Development	3	
<input type="checkbox"/> VT 2500, Computer Illustration	3	VT 1300
<input type="checkbox"/> VT 2600, Creative Imaging	3	VT 1300 recommended
<input type="checkbox"/> ENGL 3010, Writing in the Professions	3	ENGL 2010
TOTAL	57-59	

IT Emphasis Electives (15 credits from the following)	Credits	Prerequisites and Notes
<input type="checkbox"/> CS 2450, Software Engineering	3	CS 2420
<input type="checkbox"/> CS 2810, Computer Organization and Architecture	3	CS 1410
<input type="checkbox"/> CS 3000, Internet Publishing and Design	3	CS 2420
<input type="checkbox"/> CS 3100, Interactive Multimedia	3	CS 2420
<input type="checkbox"/> CS 3400, Operating Systems	3	CS 2420 and CS 2810
<input type="checkbox"/> CS 3410, Distributed Systems	3	CS 2420 and CS 2810
<input type="checkbox"/> CS 3500, Application Development	3	CS 1410
<input type="checkbox"/> CS 3600, Graphics Programming	3	CS 2420 and CS 2810
<input type="checkbox"/> CS 4000, Dynamic Web Development	3	CS 2420 and VT 1400
<input type="checkbox"/> CS 4010, Interactive Web Development	3	CS 2420 and VT 1400
<input type="checkbox"/> CS 4100, Advanced Multimedia/Internet Integration	3	CS 2420
<input type="checkbox"/> CS 4300, Artificial Intelligence	3	CS 2420 and CS 2810
<input type="checkbox"/> CS 4550, Compilers	3	CS 2420 and CS 2810
<input type="checkbox"/> MKTG 3010, Marketing Principles	3	CIS 1200 and ENGL 2010
<input type="checkbox"/> VT 3000, Internet Publishing and Design	3	CS 1400 and VT 1400 and VT 2500 and VT 2600
<input type="checkbox"/> VT 3100, Interactive Multimedia	3	CS 1400 and VT 2500 and VT 2600



DIXIE STATE
COLLEGE OF UTAH

Requirements for Bachelor of Science Degree in
Computer and Information Technology with
Information Technology (IT) Emphasis

Effective July 2008

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<input type="checkbox"/> VT 3200, Advanced Design	3	VT 2500 and VT 2600
<input type="checkbox"/> VT 3800, Corporate Identity	3	VT 2500
<input type="checkbox"/> VT 4000, Dynamic Web Development	3	VT 3000
<input type="checkbox"/> VT 4010, Interactive Web Development	3	CS 1410 and VT 3000
<input type="checkbox"/> VT 4100, Advanced Multimedia/ Internet Integration	3	VT 3100
TOTAL	15	

A minimum of 40 upper-division credits are required. Total credits for baccalaureate degree: 120
All CS, IT, and VT prerequisites require a grade of C- or better. Math requires C or better.
For each cross-listed CS and VT course, only one may be used to fill elective credits.