

Requirements for Bachelor of Science Degree in Computer and Information Technology with Visual Technologies (VT) Emphasis

Effective July 2009

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General Education Requirements: Students must complete the DSC requirements for General Education or equivalent.		
VT 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"/> 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"/> MATH 1100, Business Calculus	3	MATH 1050
<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
<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
<input type="checkbox"/> VT 3200, Advanced Design	3	VT 2500, VT 2600 and VT 2700
<input type="checkbox"/> VT 3300, Intro. to Digital Video Editing	3	CS 1400 and VT 2500 and VT 2600
<input type="checkbox"/> VT 3600, 3-D Visualization	3	CS 1400 and VT 2500 and VT 2600
<input type="checkbox"/> VT 4000, Dynamic Web Development	3	VT 3000
<input type="checkbox"/> VT 4600, Senior Project	3	Instructor Permission Required
<input type="checkbox"/> IT 3500, Electronic Commerce	3	
<input type="checkbox"/> ENGL 3010, Writing in the Professions	3	ENGL 2010
TOTAL	54	
VT Emphasis Electives (21 credits from the following)	Credits	Prerequisites and Notes
<input type="checkbox"/> ART 1110, Basic Drawing and Composition	3	
<input type="checkbox"/> ART 2060, Digital Photography	3	
<input type="checkbox"/> ART 3060, Digital Commercial Studio Photo.	3	ART 2060
<input type="checkbox"/> CS 2420, Intro to Algorithms and Data Struct.	3	CS 1410
<input type="checkbox"/> CS 2450, Software Engineering	3	CS 2420
<input type="checkbox"/> CS 3500, Application Development	3	CS 1410
<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 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"/> MKTG 3010, Marketing Principles	3	CIS 1200 and ENGL 2010
<input type="checkbox"/> VT 2700, Typography	3	VT 2500
<input type="checkbox"/> VT 3710, Advanced Typography	3	VT 2700
<input type="checkbox"/> VT 3750, Graphic Design History	3	VT 2700
<input type="checkbox"/> VT 3780, Prepress & Print Production	3	VT 2500 and VT 2600
<input type="checkbox"/> VT 3800, Corporate Identity	3	VT 2500
<input type="checkbox"/> VT 4010, Interactive Web Development	3	VT 3000
<input type="checkbox"/> VT 4100, Adv Multimedia/Internet Integration	3	VT 3100
<input type="checkbox"/> VT 4700, Publication Design	3	VT 2500 and VT 2600 and VT 2700
<input type="checkbox"/> VT 4750, Package Design	3	VT 2500 and VT 2600 and VT 2700

Dixie State's general graduation requirements are described in this online catalog under the "Advisement and Graduation" link. Those requirements are also available in the College's online policies at <http://www.dixie.edu/humanres/policy/sec5/520.html>.

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<input type="checkbox"/>	VT 4900, Independent Research	1-3	Instructor Permission Required
<input type="checkbox"/>	VT 4910, Senior Graphic Design Exhibit	3	Instructor Permission Required
<input type="checkbox"/>	VT 4920, Visual Technology Internship	1-3	Instructor Permission Required
<input type="checkbox"/>	VT 4990, Seminars in Visual Technologies	1-3	Instructor Permission Required
TOTAL		21	
<p>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.</p>			