

Requirements for Bachelor of Science Degree in Computer Information Technology with Emphasis in Visual Technologies

Effective July 2007

Page 1 of 2

General Education Requirements: Students must complete the DSC requirements for General Education or equivalent.		
VT Emphasis Requirements	Credits	Prerequisites and notes
• CS 1400, Fundamentals of Programming	3	
• CS 1410, Object-Oriented Programming	3	CS 1400
• IT 1100, Introduction to Operating Systems	3	
• IT 2400, Introduction to Networking	3	IT 1100 (Pre or Co-Requisite)
• MATH 1100	3	MATH 1050 or 1090. You must receive a C or better to advance.
• VT 1300, Communication Design	3	
• VT 1400, Intro. to Internet Development	3	
• VT 2500, Computer Illustration	3	VT 1300
• VT 2600, Creative Imaging	3	
• VT 3000, Internet Publishing and Design	3	CS 1400 and VT 1400 and VT 2500 and VT 2600
• VT 3100, Interactive Multimedia	3	CS 1400 and VT 2500 and VT 2600
• VT 3200, Advanced Design	3	VT 2500 and VT 2600
• VT 3300, Intro. to Digital Video Editing	3	CS 1400 and VT 2500 and VT 2600
• VT 3600, 3-D Visualization	3	CS 1400 and VT 2500 and VT 2600
• VT 4000, Dynamic Web Development	3	VT 3000
• VT 4600, Senior Project	3	Instructor Permission Required
• IT 3500, Electronic Commerce	3	
• ENGL 3010, Writing in the Professions	3	ENGL 2010
TOTAL	54	

Requirements for Bachelor of Science Degree in Computer Information Technology with Emphasis in Visual Technologies

Effective July 2007

Page 2 of 2

VT Emphasis Electives (21 credits from the following)	Credits	Prerequisites and Notes
• ART 1110 Basic Drawing and Composition	3	
• CS 2420, Intro to Algorithms and Data Structures	3	CS 1410
• CS 3500, Application Development	3	CS 1410
• IT 3100, Systems Design and Administration I	3	CS 1400 and IT 2400
• IT 3110, Systems Design and Administration II	3	IT 3100
• IT 4200, Advanced Web Delivery	3	IT 3100 and VT 1400
• IT 4300, Database Design and Management	3	CS 1410 and IT 2400
• IT 4400, Network Design and Management	3	IT 2400
• MKTG 3010, Marketing Principles	3	CIS 1200 and ENGL 2010
• VT 2700, Typography	3	VT 2500
• VT 2710, Advanced Typography	3	VT 2700
• VT 3750, Graphic Design History	3	VT 2700
• VT 3780, PrePress & Print Prod	3	VT 2500 and VT 2600
• VT 3800, Corporate Identity	3	VT 2500
• VT 4700, Publication Design	3	VT 2700 and VT 2600 and VT 2500
• VT 4750, Package Design	3	VT 2700 and VT 2600 and VT 2500
• VT 4100, Advanced Multimedia/ Internet Integration	3	VT 3100
• VT 4900, Independent Research	1-3	Instructor Permission Required
• VT 4920, Visual Technology Internship	1-3	Instructor Permission Required
• VT 4990, Seminars in Visual Technologies	1-3	Instructor Permission Required
TOTAL	21	
A minimum of 40 upper-division credits are required. Total credits for baccalaureate degree: 120		