

**Bachelor of Science in Computer and Information Technology
with an Emphasis in VISUAL TECHNOLOGIES**

CIT Advisor: Shari Gowers, UHB 348, (435) 652-7745, email: gowers@dixie.edu

GENERAL EDUCATION REQUIREMENTS:

1. Must complete the Dixie State College Associate of Science or Arts degree or equivalent.
(Equivalent transfer credits may fulfill this requirement upon transcript receipt and evaluation. See advisor).

PRE-MAJOR REQUIREMENTS:

MATH 1100	Business Calculus <u>or</u> MATH 1210 Calculus I	3-5	PREREQUISITES: (MATH 1050 or 1090)
CIS 2100	Intro to Operating Systems	3	
CIS 2700	Intro to Networking	3	
CS 1400	Intro to Computer Science I	3	
CS 1440	Intro to Computer Science II	3	(CS 1400)
VT 1400	Intro to Internet Development	3	
VT 2500	Computer Illustration	3	
VT 2600	Creative Imaging	3	

TOTAL LOWER DIVISION REQUIREMENTS :

63 credits

VT EMPHASIS REQUIREMENTS:

VT 1300	Communication Design	3	
VT 3000	Internet Publishing & Design	3	(VT 1400, 2500 & 2600)
VT 3100	Interactive Multimedia	3	(VT 1300, 2500 & 2600)
VT 3200	Advanced Design	3	(VT 1400, 2500 & 2600)
VT 3300	Introduction to Digital Video Editing	3	(VT 2500 & 2600)
VT 3600	3-D Visualization	3	(VT 2500 & 2600)
VT 4000	Dynamic Web Development	3	(VT 1400)
VT 4600	Integrated Visual Information Systems	3	final spring semester of program

24 credits

UPPER LEVEL BREADTH REQUIREMENTS:

ENGL 3010	Writing in the Professions	3	(ENGL 2010)
HUM 3030	Multi-cultural Studies	2	
MKTG 3010	Marketing Principles	3	
PHIL 3510	Business and Professional Ethics	2	

10 credits

VT EMPHASIS ELECTIVES (15 credits from the following):

GCOM 1120	Digital File Preparation II	3	
CIS 3500	Electronic Commerce	3	
CIS 3600	Database Design	3	(CIS 2100)
CIS 3800	Corporate Identity	3	
CIS 4100	Systems Design & Administration I	3	(CIS 2100 & CIS 2700)
CIS 4110	Systems Design & Administration II	3	(CIS 4100)
CIS 4200	Advanced Web Delivery	3	(CIS 4100)
CS 4500	Graphical User Interfaces	3	(CS 1440)
VT 4100	Advanced Multimedia/Internet Integration	3	(VT 2500 & 2600)
VT 4900	Independent Research	1-3	(may not be repeated)
VT 4920	Visual Technology Internship	1-3	(may not be repeated)
VT 4990	Seminars in Visual Technologies	1-3	

15 credits

OTHER ELECTIVES: (may be lower or upper division):

Courses in art, graphic communications, business, or CIT are recommended.

9 credits

A minimum of 40 upper division credits are required.

TOTAL SEMESTER HOURS FOR CIT DEGREE: 121 credits

- A minimum of 40 upper division credits are required.
- Grade Standards: A grade of C- or better must be maintained on each of the upper division CIT (CS, CIS, and VT) courses and a cumulative GPA of no less than 2.5 to meet the requirements of this bachelor's degree.
- Program & course information is accurate at the time of printing, however, the most current copy reflecting any course changes or revisions may be obtained in the office of the four-year advisor, Shari Gowers.