

# Bachelor of Science in Computer & Information Technology - Digital Design Emphasis

The Bachelor of Science in Computer & Information Technology with an emphasis in Digital Design has four basic components:

1. General Education & Institutional Requirements
2. Core Discipline Requirements
3. Discipline Elective Requirements
4. Electives: college-level courses from any prefix to meet Graduation Requirements (p. 2)

## Institutional Requirement in Computer Literacy

The DSU Computer Literacy requirement is fulfilled by successfully completing the Computer Science Core Requirement courses CS 1400 Fundamentals of Programming and CS 1410 Object Oriented Programming.

## DSU General Education & Institutional Requirements

All DSU General Education and Institutional requirements must be fulfilled. A previously earned degree may fulfill those requirements, but courses must be equivalent to DSU's minimum General Education standards in American Institutions, English, and Mathematics.

Code	Title	Hours
<b>Institutional Requirement in Computer Literacy</b> (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)		
	Computer Literacy	0-6
<b>General Education Core Requirements</b> (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)		
	English	3-7
	Information Literacy	0-1
	Mathematics	3-5
	American Institutions	3-6
	Life Sciences	3-10
	Physical Sciences	3-5
	Laboratory Science	0-1
	Fine Arts	3
	Literature/Humanities	3
	Social & Behavioral Sciences	3
	Exploration	3-5
	Two (2) Global & Cultural Perspectives Courses	0-6
<b>Core Discipline Requirements</b>		
ART 2060	Digital Photography	3
ARTH 3750	Graphic Design History	3
CS 1400	Fundamentals of Programming	3
DES 1300	Design I	3
DES 2300	Design II	3
DES 2600	Creative Imaging	3
DES 2710	Typography I	3
DES 2800	Digital Publishing	3
DES 3100	Interaction Design	3
DES 3300	Intro to Digital Video Editing	3
DES 3600	3-D Visualization	3
DES 3710	Typography II	3
DES 3800	Branding	3
DES 4600	Senior Project	3
DES 4650	Publication Design	3
ENGL 3010	Writing in the Professions	3
IT 1100	Introduction to Unix/Linux	3

IT 2400	Intro to Networking	3
MATH 1100	Business Calculus	3
WEB 1400	Web Design I: Fundamentals	3
WEB 3400	Web Design II: Essentials	3
<b>Discipline Electives Requirements</b>		
Complete 12 credits from the following (no more than 1 photography course):		
ART 1110	Drawing and Composition	3
ART 3040	Intermediate Digital Photography	3
ART 3070	Advanced Photography II: Digital	3
ART 3300R	Graphic Design Problems	3
ART 4750	Package Design	3
CS 1410	Object Oriented Programming	3
DES 1100	Intro to Digital Design	3
DES 1610	Screen Printing	3
DES 3650	3-D Animation	3
DES 3780	Prepress & Print Production	3
DES 4900R	Independent Research	1-3
DES 4920	Internship	3
DES 4990	Seminar in Digital Design	3
IT 4300	Database Design & Management	3
MKTG 3010	Marketing Principles	3
WEB 3200	Web Application Development I	3
WEB 3500	Electronic Commerce	3
WEB 3550	Internet & eCommerce Marketing	3
WEB 4200	Web Application Development II	3
WEB 4400	Web Design III: Advanced Techniques	3

**NOTE:** A course may only be used to fulfill one program requirement. Dual-listed courses may only be used once to fill requirements. Consult course descriptions in this catalog to verify dual-listed courses.

## Graduation Requirements

1. Complete a minimum of 120 college-level credits (1000 and above).
2. Complete at least 40 upper-division credits (3000 and above).
3. Complete at least 30 upper-division credits at DSU for institutional residency.
4. Cumulative GPA 2.0 or higher.
5. Grade C- or higher in each Core Discipline and Elective Requirement course.

## Graduation Plan

Course	Title	Hours
<b>1st Year</b>		
<b>Fall Semester</b>		
DES 1300	Design I	3
DES Elective: DES 1100	Intro to Digital Design recommended	3
ENGL 1010 or ENGL 1010D	Introduction to Writing or Introduction to Writing	3
LIB 1010	Information Literacy	1
MATH 1100	Business Calculus meets General Education (Mathematics) (catalog.dixie.edu/programs/generaleducation/#gerequirementstext)	3
Hours		13
<b>Spring Semester</b>		
DES 2300	Design II	3
DES 2600	Creative Imaging	3
ENGL 2010	Interm Writing Selected Topics:	3

WEB 1400	Web Design I: Fundamentals	3
General Education (Social & Behavioral Sciences) (catalog.dixie.edu/programs/generaleducation/#gerequisitestext)		3
Hours		15
<b>2nd Year</b>		
<b>Fall Semester</b>		
DES 2710	Typography I	3
DES 2800	Digital Publishing	3
WEB 3400	Web Design II: Essentials	3
General Education (American Institutions) (catalog.dixie.edu/programs/generaleducation/#gerequisitestext)		3
General Education (Fine Arts) (catalog.dixie.edu/programs/generaleducation/#gerequisitestext)		3
Hours		15
<b>Spring Semester</b>		
DES 3100	Interaction Design	3
DES 3300	Intro to Digital Video Editing	3
IT 1100	Introduction to Unix/Linux	3
CS 1400	Fundamentals of Programming	3
General Education (Literature / Humanities) (catalog.dixie.edu/programs/generaleducation/#gerequisitestext)		3
Hours		15
<b>3rd Year</b>		
<b>Fall Semester</b>		
DES 3710	Typography II	3
DES 3800	Branding	3
IT 2400	Intro to Networking	3
General Education (Life Sciences) (catalog.dixie.edu/programs/generaleducation/#gerequisitestext)		3
General Education (Physical Sciences) (catalog.dixie.edu/programs/generaleducation/#gerequisitestext)		3
General Education (Lab Science) (catalog.dixie.edu/programs/generaleducation/#gerequisitestext)		1
Hours		16
<b>Spring Semester</b>		
ART 2060	Digital Photography	3
DES 4650	Publication Design	3
ENGL 3010	Writing in the Professions	3
DES Elective: Upper Division		3
General Education (Exploration) (catalog.dixie.edu/programs/generaleducation/#gerequisitestext)		3
Hours		15
<b>4th Year</b>		
<b>Fall Semester</b>		
ARTH 3750	Graphic Design History	3
DES 3600	3-D Visualization	3
DES Elective: Upper Division		3
DES Elective: Upper Division		3
General Education (Global & Cultural Perspectives) (catalog.dixie.edu/programs/generaleducation/#gerequisitestext)		3
Hours		15
<b>Spring Semester</b>		
DES 4600	Senior Project	3
CIS 1200 or CS 1410	Computer Literacy ( Computer Literacy Requirement (catalog.dixie.edu/programs/generaleducation/ #gerequisitestext)) or Object Oriented Programming	3
General Elective		3
General Elective		3
Upper Division Elective		1

General Education (Global & Cultural Perspectives) ( <a href="http://catalog.dixie.edu/programs/generaleducation/#gerequirementstext">catalog.dixie.edu/programs/generaleducation/#gerequirementstext</a> )	3
Hours	16
Total Hours	120