



## BACHELOR OF SCIENCE IN WEB SYSTEMS AND DESIGN (GRAPHIC DESIGN MINOR)

### FRESHMAN – FALL SEMESTER

CIS 1144	Computer Science I	4
MAT 1143	College Algebra	3
UNI 1111	University Seminar	1
CIS 1033	Foundations of Computer Science	3
ART 1013	Introduction to Art	3
	Gen Ed or Graduation Requirement	3
<i>Total hours</i>		17

### FRESHMAN – SPRING SEMESTER

CIS 1154	Computer Science II	4
CIS 1163	Introduction to Cybersecurity	3
MAT 1173	Discrete Mathematics	3
UNI 1121	Critical Thinking	1
ART 1103	Design	3
	Gen Ed or Graduation Requirement	3
<i>Total hours</i>		16

### SOPHOMORE – FALL SEMESTER

CIS 2213	Systems Analysis & Design	3
CIS 2253	Web Development	3
BUS 2023	Business Statistics	3
ART 1203	Drawing I	3
	Gen Ed science with lab	4
<i>Total hours</i>		16

### SOPHOMORE – SPRING SEMESTER

CIS 2003	Web Design	3
CIS 3323	Database Management	3
ART 2703	Introduction to Graphic Design	3
ART 3723	Digital Imaging Concepts	3
	Gen Ed science with lab	4
<i>Total hours</i>		16

### JUNIOR – FALL SEMESTER

CIS 3333	Algorithms and Data Structures	3
CIS 3313	Advanced Systems Analysis and Design	3
LDR 4043	Ethics and Professional Development	3
ECO 2023	Microeconomics	3
	ART elective	3
	Gen Ed or Graduation Requirement	2
<i>Total hours</i>		17

### JUNIOR – SPRING SEMESTER

CIS 2013	Networks	3
CIS 3113	Interface and Interaction Design	3
CIS 3363	Mobile App Development	3
MKT 3023	Principles of Marketing	3
ART 3043	Graphic Design Production	3
	Gen Ed or Graduation Requirement	2
<i>Total hours</i>		17

### SENIOR – FALL SEMESTER

CIS 4462	Applied Software Engineering I	2
CIS3413	Machine Organization	3
	Gen Ed or COM / ENG elective	3
	Gen Ed or Graduation Requirement	3
	Gen Ed or Graduation Requirement	3
	Gen Ed or Graduation Requirement	3
<i>Total hours</i>		17

### SENIOR – SPRING SEMESTER

CIS 4472	Applied Software Engineering II	2
	Gen Ed or COM elective	3
	Gen Ed or Graduation Requirement	3
	Gen Ed or Graduation Requirement	3
	Gen Ed or Graduation Requirement	3
	Gen Ed or Graduation Requirement	2
<i>Total hours</i>		16

### WINTERFEST – ANY YEAR

MKT 4253	Social Media Marketing	3
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*THIS IS A PROPOSED GUIDELINE.* Please check the catalog and see your advisor for your final degree requirements.

Southwest Baptist University reserves the right to make changes to degree plans without advanced notice or obligation.

The student is responsible for understanding and completing all general education, degree, departmental and graduation requirements.