

# Southwest Baptist University

BOLIVAR, MO | EST. 1878

## 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 1103	Design	3
	Gen Ed or Grad Requirement	2
<i>Total hours</i>		16

### FRESHMAN – SPRING SEMESTER

CIS 1154	Computer Science II	4
CIS 1001	Computer Science Seminar	1
MAT 1173	Discrete Mathematics	3
UNI 1121	Critical Thinking	1
ART 1013	Introduction to Art	3
	Gen Ed or Grad Requirement	4
<i>Total hours</i>		16

### SOPHOMORE – FALL SEMESTER

CIS 3413	Machine Organization	3
CIS 2253	Web Development	3
ART 2703	Introduction to Graphic Design	3
	Gen Ed or Grad Requirement	3
	Gen Ed or Grad Requirement	3
<i>Total hours</i>		15

### SOPHOMORE – SPRING SEMESTER

CIS 2213	Systems Analysis & Design	3
CIS 2003	Web Design	3
	Gen Ed or Grad Req	3
	Gen Ed or Grad Requirement	3
	Gen Ed or Grad Requirement	4
<i>Total hours</i>		16

### JUNIOR – FALL SEMESTER

CIS 3333	Algorithms and Data Structures	3
CIS 3313	Advanced Systems Analysis and Design	3
BUS 2023	Business Statistics	3
MKT 3023	Principles of Marketing	3
	Gen Ed or Grad Requirement	3
	Gen Ed or Grad Requirement	2
<i>Total hours</i>		17

### JUNIOR – SPRING SEMESTER

CIS3323	Database Management	3
COM/ENG	Required Elective	3
CIS 3363	Mobile App Development	3
CIS 3113	Interface and Interaction Design	3
ART 3043	Graphic Design Production	3
	Gen Ed or Grad Requirement	2
<i>Total hours</i>		17

### SENIOR – FALL SEMESTER

CIS 4462	Applied Software Engineering I	2
MKT 4253	Social Media Marketing	3
ART3703	Graphic Design Concepts	2
ECO 2023	Microeconomics	3
	Gen Ed or Grad Requirement	3
	Gen Ed or Grad Requirement	3
<i>Total hours</i>		16

### SENIOR – SPRING SEMESTER

CIS 4472	Applied Software Engineering II	2
CIS 4443	Networks	3
LDR 4043	Ethics and Professional Development	3
	Gen Ed or Grad Requirement	2
	Gen Ed or Grad Requirement	3
	Gen Ed or Grad Requirement	2
<i>Total hours</i>		16

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.