Southwest Baptist University

BACHELOR OF SCIENCE IN WEB SYSTEMS AND DESIGN

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	2
Total hours	....	*16*

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 2703	Introduction to Graphic Design	3
	Gen Ed or Graduation Requirement	2
Total hours	....	*16*

SOPHOMORE – FALL SEMESTER

CIS 2213	Systems Analysis and Design	3
CIS 2253	Web Development	3
BUS 2023	Business Statistics	3
	Gen Ed or Graduation Requirement	3
	Gen Ed science with lab	4
Total hours	....	*16*

SOPHOMORE – SPRING SEMESTER

CIS 3323	Database Management	3
CIS 2003	Web Design	3
ART 3723	Digital Imaging Concepts	3
	Gen Ed or Grad Requirement	3
	Gen Ed science with lab	4
Total hours	....	*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
	Gen Ed or ART/ENG elective	3
	Free elective	1
Total hours	....	*16*

JUNIOR – SPRING SEMESTER

CIS 2013	Networks	3
CIS 3113	Interface and Interaction Design	3
MKT 3023	Principles of Marketing	3
CIS 3363	Mobile App Development	3
	Gen Ed or ART elective	3
	Free elective	1
Total hours	....	*16*

SENIOR – FALL SEMESTER

CIS 4462	Applied Software Engineering I	2
CIS 3413	Machine Organization	3
	Gen Ed or COM elective	3
	Gen Ed or Graduation Requirement	3
	Gen Ed or Graduation Requirement	2
	Free elective	2
Total hours	....	*15*

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
Total hours	....	*14*

WINTERFEST – ANY YEAR

MKT 4253	Social Media Marketing	3