



BACHELOR OF SCIENCE IN COMPUTER INFORMATION SCIENCE

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
	Gen Ed or Graduation Requirement	3
	Gen Ed or Graduation Requirement	2
<i>Total hours</i>		16

FRESHMAN – SPRING SEMESTER

CIS 1163	Introduction to Cybersecurity	3
CIS 2213	Systems Analysis and Design	3
MAT 1173	Discrete Mathematics	3
UNI 1121	Critical Thinking	1
	Gen Ed science with lab	4
	Gen Ed or Graduation Requirement	2
<i>Total hours</i>		16

SOPHOMORE – FALL SEMESTER

CIS 1154	Computer Science II	4
ACC 2013	Financial Accounting	3
BUS 2023	Business Statistics	3
ECO 2023	Microeconomics	3
	Gen Ed or Graduation Requirement	3
<i>Total hours</i>		16

SOPHOMORE – SPRING SEMESTER

CIS 3323	Database Management	3
ACC 2023	Managerial Accounting	3
BUS 2013	Business Communications	3
ECO 2033	Macroeconomics	3
	Gen Ed science with lab	4
<i>Total hours</i>		16

JUNIOR – FALL SEMESTER

CIS 3313	Advanced Systems Analysis & Design	3
CIS 3333	Algorithms and Data Structures	3
FIN 3053	Business Finance	3
MGT 3013	Principles of Management	3
	Gen Ed or CIS elective	3
	Gen Ed or Graduation Requirement	2
<i>Total hours</i>		17

JUNIOR – SPRING SEMESTER

CIS 2013	Networks	3
CIS 3123	Data Science	3
LDR 4043	Ethics and Professional Development	3
MKT 3023	Principles of Marketing	3
	Gen Ed or CIS elective	3
<i>Total hours</i>		15

SENIOR – FALL SEMESTER

CIS 4462	Applied Software Engineering I	2
CIS 3413	Machine Organization	3
BUS 3073	Legal Environment of Business	3
MGT 3033	Operations Management	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
MGT 4083	Management Strategy and Policy	3
	Gen Ed or CIS 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

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.