



BACHELOR OF SCIENCE IN CYBERSECURITY

FRESHMAN – FALL SEMESTER

MAT 1143	College Algebra	3
UNI 1111	University Seminar	1
CIS 1033	Foundations of Computer Science	3
	General Education or Graduation Requirement 4	4
	General Education or Graduation Requirement 3	3
	General Education or Graduation Requirement 2	2
<i>Total hours</i>		16

FRESHMAN – SPRING SEMESTER

CIS 1144	Computer Science I	4
CIS 1001	Computer Science Seminar	1
MAT 1193	Business Calculus	3
UNI 1121	Introduction to Critical Thinking	1
CIS 1163	Introduction to Cybersecurity	3
	General Education or Graduation Requirement 4	4
<i>Total hours</i>		16

SOPHOMORE – FALL SEMESTER

CIS 2213	Systems Analysis & Design	3
MAT 1173	Discrete Mathematics	3
CIS 2033	Information Assurance	3
CIS 1154	Computer Science II	4
	General Education or Graduation Requirement 3	3
<i>Total hours</i>		16

SOPHOMORE – SPRING SEMESTER

CIS 2013	Networks	3
CIS 3323	Database Management	3
CIS 3013	Digital Forensics	3
CR J2313	Introduction to Criminal Justice	3
	General Education or Graduation Requirement 3	3
<i>Total hours</i>		15

JUNIOR – FALL SEMESTER

CIS 3413	Machine Organization	3
CIS 2043	System Administration	3
CIS 3023	Network Security	3
MAT 3343	Mathematical Statistics I	3
	General Education or Graduation Requirement 3	3
	General Education or Graduation Requirement 2	2
<i>Total hours</i>		17

JUNIOR – SPRING SEMESTER

CIS 3333	Algorithms & Data Structures	3
CIS 3033	Secure Software	3
CIS 4423	Operating Systems	3
MAT 4343	Mathematical Statistics II	3
	General Education or Graduation Requirement 3	3
	General Education or Graduation Requirement 2	2
<i>Total hours</i>		17

SENIOR – FALL SEMESTER

CIS 4462	Applied Software Engineering I	2
CIS 4453	Systems Security	3
ECO 2023	Microeconomics	3
LDR 4043	Ethics and Professional Development	3
	General Education or Graduation Requirement 3	3
	General Education or Graduation Requirement 3	3
<i>Total hours</i>		17

SENIOR – SPRING SEMESTER

CIS 4472	Applied Software Engineering II	2
CIS 4463	Ethical Hacking	3
PSY 2033	Social Engineering	3
CRJ4333	Criminal Law	3
	General Education or Graduation Requirement 3	3
	General Education or Graduation Requirement 3	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.