Southwest Baptist University
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
CIS 1144	Computer Science I	4
CIS 1163	Introduction to Cybersecurity	3
	General Education or Graduation Requirement	2
Total hours	.... *16*	

FRESHMAN –WINTERFEST

CIS 1141	Introduction to Linux and Scripting	1

FRESHMAN – SPRING SEMESTER

CIS 1154	Computer Science II	4
CIS 2213	Systems Analysis & Design	3
MAT 1173	Discrete Mathematics	3
SOC 1003	Introduction to Sociology	3
UNI 1121	Introduction to Critical Thinking	1
	General Education or Graduation Requirement	3
Total hours	....*17*	

SOPHOMORE – FALL SEMESTER

CIS 2043	System Administration	3
CIS 3333	Algorithms & Data Structures	3
MAT 1193	Business Calculus	3
ECO 2023	Microeconomics	3
	Gen Ed science with lab	4
Total hours	.... *16*	

SOPHOMORE – SPRING SEMESTER

CIS 2013	Networks	3
CIS 3033	Secure Software	3
CIS 3323	Database Management	3
LDR 4043	Ethics and Professional Development	3
	Gen Ed science with lab	4
Total hours	.... *16*	

JUNIOR – FALL SEMESTER

CIS 3413	Machine Organization	3
CIS 4453	Systems Security	3
MAT 3343	Mathematical Statistics I	3
CIS 2033	Information Assurance	3
	General Education or Graduation Requirement	3
	General Education or Graduation Requirement	2
Total hours	....*17*	

JUNIOR – SPRING SEMESTER

CIS 3013	Digital Forensics	3
CIS 4463	Ethical Hacking	3
PSY 2033	Social Engineering	3
CRJ 2313	Introduction to Criminal Justice	3
	General Education or Graduation Requirement	3
	General Education or Graduation Requirement	2
Total hours	....*17*	

SENIOR – FALL SEMESTER

CIS 4462	Applied Software Engineering I	2
CIS 3023	Network Security	3
	General Education or Graduation Requirement	3
	General Education or Graduation Requirement	3
	General Education or Graduation Requirement	3
	General Education or BUS/SOC/CRJ Elective	3
Total hours	....*17*	

SENIOR – SPRING SEMESTER

CIS 4472	Applied Software Engineering II	2
CIS 4423	Operating Systems	3
MAT 4343	Mathematical Statistics II	3
	General Education or Graduation Requirement	3
	General Education or BUS/SOC/CRJ Elective	3
Total hours	....*14*	