



Southwest Baptist UNIVERSITY

BACHELOR OF SCIENCE IN INFORMATION SYSTEMS

FRESHMAN - FALL SEMESTER

BIB 1013	Values: Old Testament History	3
ENG 1113	Communication: English Composition I	3
MAT 1243	Reasoning: Algebraic Reasoning & Modeling	3
UNI 1111	Opportunities: University Seminar	1
CIS 1033	Foundations of Computer Science	3
CIS 1163	Personal Cybersecurity	3
Total Credits		16

FRESHMAN - SPRING SEMESTER

BIB 1023	Values: New Testament History	3
ENG 2213 / ENG 3813	Communication: English Composition II <i>or</i> Communication: Professional Writing and Editing	3
UNI 1121	Reasoning: Introduction to Critical Thinking	1
BUS 2012	Business Communications	2
CIS 1144	Computer Science I	4
MAT 1173	Discrete Mathematics	3
Total Credits		16

SOPHOMORE - FALL SEMESTER

ECO 2023	Society: Principles of Microeconomics	3
ACC 2013	Principles of Financial Accounting	3
CIS 1154	Computer Science II	4
CIS 2013	Networking and Cloud Computing	3
CHOICE	Statistics Choice	3
Total Credits		16

SOPHOMORE - SPRING SEMESTER

CIS 1141	Introduction to Linux and Scripting	1
CIS 2003 <i>or</i> CIS 3553	Web and User Experience Design <i>or</i> Software Quality Assurance and Testing	3
CIS 2213	System Analysis and Design	3
CIS 2253	Full Stack Web Development	3
MKT 3023	Principles of Marketing	3
Total Credits		13

JUNIOR - FALL SEMESTER

DISCOVER	Inquiry: (Inquiry Options)	4
DISCOVER <i>or</i> CIS 3313	Discipline: (Discipline Options) <i>or</i> Advanced System Analysis & Design	3
CIS 3123	Survey of Data Science	3
CIS 3323	Database Management Systems Design	3
MGT 3013	Principles of Management	3
Total Credits		16

JUNIOR - SPRING SEMESTER

DISCOVER	Communication: (Communication Options)	3
DISCOVER	Values: (Spiritual Formation Options)	2
DISCOVER	Values: (Cultural Awareness Options)	2
BUS 4041	Ethics Seminar	1
CIS 2003 <i>or</i> CIS 3553	Web and User Experience Design <i>or</i> Software Quality Assurance and Testing	3
CIS 3333	Algorithms & Data Structures	3
CIS 3852	Computing Ethics and Professional Development	2
Total Credits		16

SENIOR - FALL SEMESTER

DISCOVER <i>or</i> CIS 3313	Discipline: (Discipline Options) <i>or</i> Advanced System Analysis & Design	3
BUS 3073	Business Law	3
CIS 3412	Machine Organization	2
CIS 4462	Applied Software Engineering I	2
FIN 3053	Business Finance	3
Total Credits		13

SENIOR - SPRING SEMESTER

DISCOVER	Enrichment: (Enrichment Options)	3
DISCOVER	Society: (American Studies Options)	3
BUS 4203	Data Analytics	3
CIS 4472	Applied Software Engineering II	2
MGT 4083	Strategic Management	3
Total Credits		14

DISCOVER Core Curriculum

*Major Recommendation

Total Credits to Graduate: 120

Updated Spring 2025