



BACHELOR OF SCIENCE IN WEB SYSTEMS AND DESIGN

FRESHMAN - FALL SEMESTER

ART 2703	Enrichment: Introduction to Graphic Design	3
ENG 1113	Communication: English Composition I	3
UNI 1111	Opportunities: University Seminar	1
CIS 1033	Foundations of Computer Science	3
CIS 1163	Personal Cybersecurity	3
ELECTIVE	Student Selection	3
Total Credits		16

FRESHMAN - SPRING SEMESTER

BUS 2023	Reasoning: Business Statistics	3
ENG 2213 <i>or</i> ENG 3813	Communication: English Composition II <i>or</i> Professional Writing and Editing	3
UNI 1121	Reasoning: Introduction to Critical Thinking	1
DISCOVER	Values: (Cultural Awareness Options)	2
CIS 1144	Computer Science I	4
MAT 1173	Discrete Mathematics	3
Total Credits		16

SOPHOMORE - FALL SEMESTER

BIB 1013	Values: Old Testament History	3
ECO 2023	Society: Principles of Microeconomics	3
DISCOVER	Discipline: (Discipline Options)	3
DISCOVER	Society: (American Studies Options)	3
CIS 1154	Computer Science II	4
Total Credits		16

SOPHOMORE - SPRING SEMESTER

CIS 3363 <i>or</i> ELECTIVE	Mobile Application Development <i>or</i> Student Selection	3
CIS 2003 <i>or</i> CIS 3113	Web Design <i>or</i> UI/UX Design	3
CIS 2012	Networking and Cloud Computing	2
CIS 2213	System Analysis and Design	3
CIS 3333	Algorithms and Data Structures	3
MKT 3023	Principles of Marketing	3
Total Credits		17

JUNIOR - FALL SEMESTER

BIB 1023	Values: New Testament History	3
DISCOVER	Communication: (Communication Options)	3
DISCOVER	Inquiry: (Inquiry Options)	4
CIS 3313 <i>or</i> CIS 3412	Advanced System Analysis and Design <i>or</i> Machine Organization	2
CIS 3323	Database Management Systems Design	3
Total Credits		15

JUNIOR - SPRING SEMESTER

CIS 3363 <i>or</i> ELECTIVE	Mobile Application Development <i>or</i> Student Selection	3
CIS 2003 <i>or</i> CIS 3113	Web Design <i>or</i> UI/UX Design	3
ART 3723	Digital Imaging Concepts	3
CIS 2253	Full Stack Web Development	3
BUS 4031	Professional Development	1
BUS 4041	Ethics Seminar	1
Total Credits		14

SENIOR - FALL SEMESTER

CIS 3313 <i>or</i> CIS 3412	Advanced System Analysis and Design <i>or</i> Machine Organization	3
CIS 4462	Applied Software Engineering I	2
CHOICE	Art Choice	3
ELECTIVE	Student Selection	5
Total Credits		13

SENIOR - SPRING SEMESTER

DISCOVER	Values: (Spiritual Formation Options)	2
CIS 4472	Applied Software Engineering II	2
MKT 4253	Digital and Social Media Marketing	3
CHOICE	Communication Choice	3
ELECTIVE	Student Selection	3
Total Credits		13

DISCOVER Core Curriculum

Student Selection: Open Choice, Second Major Courses, or Minor Courses

Total Credits to Graduate: 120

Updated Spring 2024