

BACHELOR OF SCIENCE IN WEB SYSTEMS AND DESIGN

FRESHMAN - FALL SEMESTER			FRESHMAN - SPRING SEMESTER		
ART 2703	Enrichment: Introduction to Graphic Design	3	BUS 2023	Reasoning: Business Statistics	3
ENG 1113	Communication: English Composition I	3	ENG 2213 or ENG 3813	Communication: English Composition II or Professional Writing and Editing	3
UNI 1111	Opportunities: University Seminar	1	UNI 1121	Reasoning: Introduction to Critical Thinking	1
CIS 1033	Foundations of Computer Science	3	DISCOVER	Values: (Cultural Awareness Options)	2
CIS 1163	Personal Cybersecurity	3	CIS 1144	Computer Science I	4
ELECTIVE	Student Selection	3	MAT 1173	Discrete Mathematics	3
Total Credits		16	Total Credits		. 16
SOPHOMORE - FALL SEMESTER			SOPHOMORE - SPRING SEMESTER		
BIB 1013	Values: Old Testament History	3	CIS 3363 <i>or</i> ELECTIVE	Mobile Application Development or Student Selection	3
ECO 2023	Society: Principles of Microeconomics	3	CIS 2003 <i>or</i> CIS 3113	Web Design <i>or</i> UI/UX Design	3
DISCOVER	Discipline: (Discipline Options)	3	CIS 2012	Networking and Cloud Computing	2
DISCOVER	Society: (American Studies Options)	3	CIS 2213	System Analysis and Design	3
CIS 1154	Computer Science II	4	CIS 3333	Algorithms and Data Structures	3
			MKT 3023	Principles of Marketing	3
Total Credits		16	Total Credits		. 17
JUNIOR - FALL SEMESTER			JUNIOR - SPRING SEMESTER		
JUNIOR - FA	LL SEMESTER		JUNIOR - SPR	ING SEMESTER	
JUNIOR - FA BIB 1023	LL SEMESTER Values: New Testament History	3	JUNIOR - SPR CIS 3363 or ELECTIVE	ING SEMESTER Mobile Application Development <i>or</i> Student Selection	3
		3 3	CIS 3363 or	Mobile Application Development or	3 3
BIB 1023	Values: New Testament History		CIS 3363 or ELECTIVE CIS 2003 or	Mobile Application Development <i>or</i> Student Selection Web Design <i>or</i>	
BIB 1023 DISCOVER	Values: New Testament History Communication: (Communication Options)	3	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113	Mobile Application Development <i>or</i> Student Selection Web Design <i>or</i> UI/UX Design	3
BIB 1023 DISCOVER DISCOVER CIS 3313 or	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i>	3 4	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723	Mobile Application Development <i>or</i> Student Selection Web Design <i>or</i> UI/UX Design Digital Imaging Concepts	3 3
BIB 1023 DISCOVER DISCOVER CIS 3313 or CIS 3412	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i> Machine Organization	3 4 2	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723 CIS 2253	Mobile Application Development <i>or</i> Student Selection Web Design <i>or</i> UI/UX Design Digital Imaging Concepts Full Stack Web Development	3 3 3
BIB 1023 DISCOVER DISCOVER CIS 3313 or CIS 3412 CIS 3323	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i> Machine Organization	3 4 2 3	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723 CIS 2253 BUS 4031	Mobile Application Development <i>or</i> Student Selection Web Design <i>or</i> UI/UX Design Digital Imaging Concepts Full Stack Web Development Professional Development	3 3 3 1 1
BIB 1023 DISCOVER DISCOVER CIS 3313 or CIS 3412 CIS 3323 Total Credits	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i> Machine Organization Database Management Systems Design	3 4 2 3	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723 CIS 2253 BUS 4031 BUS 4041 Total Credits	Mobile Application Development <i>or</i> Student Selection Web Design <i>or</i> UI/UX Design Digital Imaging Concepts Full Stack Web Development Professional Development Ethics Seminar	3 3 3 1 1
BIB 1023 DISCOVER DISCOVER CIS 3313 or CIS 3412 CIS 3323 Total Credits SENIOR - FA	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i> Machine Organization Database Management Systems Design	3 4 2 3	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723 CIS 2253 BUS 4031 BUS 4041 Total Credits	Mobile Application Development or Student Selection Web Design or UI/UX Design Digital Imaging Concepts Full Stack Web Development Professional Development Ethics Seminar	3 3 3 1 1
BIB 1023 DISCOVER DISCOVER CIS 3313 or CIS 3412 CIS 3323 Total Credits SENIOR - FA CIS 3313 or CIS 3412	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i> Machine Organization Database Management Systems Design LL SEMESTER Advanced System Analysis and Design <i>or</i> Machine Organization	3 4 2 3	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723 CIS 2253 BUS 4031 BUS 4041 Total Credits	Mobile Application Development or Student Selection Web Design or UI/UX Design Digital Imaging Concepts Full Stack Web Development Professional Development Ethics Seminar	3 3 3 1 1
BIB 1023 DISCOVER DISCOVER CIS 3313 or CIS 3412 CIS 3323 Total Credits SENIOR - FA CIS 3313 or CIS 3412 CIS 3412 CIS 4462	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i> Machine Organization Database Management Systems Design 	3 4 2 3 15	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723 CIS 2253 BUS 4031 BUS 4041 Total Credits SENIOR - SPR DISCOVER CIS 4472	Mobile Application Development or Student Selection Web Design or UI/UX Design Digital Imaging Concepts Full Stack Web Development Professional Development Ethics Seminar EING SEMESTER Values: (Spiritual Formation Options) Applied Software Engineering II	3 3 1 1 . 14
BIB 1023 DISCOVER DISCOVER CIS 3313 or CIS 3412 CIS 3323 Total Credits SENIOR - FA CIS 3313 or CIS 3412 CIS 4462 CHOICE	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i> Machine Organization Database Management Systems Design Database Management Systems Design <i>or</i> Machine Organization Advanced System Analysis and Design <i>or</i> Machine Organization Applied Software Engineering I Art Choice	3 4 2 3 15 3	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723 CIS 2253 BUS 4031 BUS 4041 Total Credits SENIOR - SPR DISCOVER CIS 4472 MKT 4253	Mobile Application Development <i>or</i> Student Selection Web Design <i>or</i> UI/UX Design Digital Imaging Concepts Full Stack Web Development Professional Development Ethics Seminar CING SEMESTER Values: (Spiritual Formation Options) Applied Software Engineering II Digital and Social Media Marketing	3 3 1 1 . 14 2
BIB 1023 DISCOVER DISCOVER CIS 3313 or CIS 3412 CIS 3323 Total Credits SENIOR - FA CIS 3313 or CIS 3412 CIS 3412 CIS 4462	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i> Machine Organization Database Management Systems Design 	3 4 2 3 15 3 2	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723 CIS 2253 BUS 4031 BUS 4041 Total Credits SENIOR - SPR DISCOVER CIS 4472 MKT 4253 CHOICE	Mobile Application Development <i>or</i> Student Selection Web Design <i>or</i> UI/UX Design Digital Imaging Concepts Full Stack Web Development Professional Development Ethics Seminar EING SEMESTER Values: (Spiritual Formation Options) Applied Software Engineering II Digital and Social Media Marketing Communication Choice	3 3 1 1 . 14 2 2
BIB 1023 DISCOVER DISCOVER CIS 3313 or CIS 3412 CIS 3323 Total Credits SENIOR - FA CIS 3313 or CIS 3412 CIS 4462 CHOICE ELECTIVE	Values: New Testament History Communication: (Communication Options) Inquiry: (Inquiry Options) Advanced System Analysis and Design <i>or</i> Machine Organization Database Management Systems Design Database Management Systems Design <i>or</i> Machine Organization Advanced System Analysis and Design <i>or</i> Machine Organization Applied Software Engineering I Art Choice	3 4 2 3 15 3 2 3 5	CIS 3363 or ELECTIVE CIS 2003 or CIS 3113 ART 3723 CIS 2253 BUS 4031 BUS 4041 Total Credits SENIOR - SPR DISCOVER CIS 4472 MKT 4253	Mobile Application Development <i>or</i> Student Selection Web Design <i>or</i> UI/UX Design Digital Imaging Concepts Full Stack Web Development Professional Development Ethics Seminar CING SEMESTER Values: (Spiritual Formation Options) Applied Software Engineering II Digital and Social Media Marketing	3 3 1 1 . 14 2 2 3 3 3 3

DISCOVER Core Curriculum

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

Total Credits to Graduate: 120