



where talent takes you

COMPUTER SOFTWARE DEVELOPMENT

BACHELOR OF SCIENCE (B.S.)

CURRICULUM REQUIREMENTS

FALL 2019 – SPRING 2020

FIRST YEAR

FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
COR101	First Year Core Curriculum Seminar	3	CSD102	Introduction to Computer Science II	4
CSD100	Introduction to Computer Software Development	3	CSD205	Web Design and Programming I	3
CSD101	Introduction to Computer Science I	4	ENG103	English Composition II	3
ENG101	English Composition I	3	COR__	Core Elective	3
_____	General Elective	3	_____	General Elective	3

SECOND YEAR

FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
CSD200	Data Structures and Algorithms	3	CSD210	Computer Organization and Programming	3
CSD206	Web Design and Programming II	3	CSD212	Operating Systems and System Programming	3
COR__	Core Elective	3	COR__	Core Elective	4
COR__	Core Elective	3	COR__	Core Elective	3
_____	General Elective	3	_____	Liberal Arts Elective	3

THIRD YEAR

FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
CSD215	IT Project Management and Methodologies	3	BUS114	Introduction to Business	3
CSD301	Database Systems	3	CSD307	Distributed Computing	3
CSD305	Networks and Network Administration	3	CSD309	Mobile Computing	3
COR__	Core Elective	3	COR__	Core Elective	3
_____	Liberal Arts Elective	3	_____	Liberal Arts Elective	3

FOURTH YEAR

FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
CSD401	Team Project I	2	CSD402	Team Project II	2
CSD403	Senior Project I	2	CSD404	Senior Project II	2
CSD406	Special Topics	3	CSD409	Internship	3
COR401	Core Curriculum Senior Seminar	3	COR__	Core Elective	3
_____	Liberal Arts Elective	3	_____	Liberal Arts Elective	3
_____	Liberal Arts Elective	3			

CORE ELECTIVES

for

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Courses cannot be used to fulfill more than one Core Elective requirement. Students must meet all pre-requisites and co-requisites requirements.

Students must complete one Core Elective from each of the categories listed below.

AESTHETIC ENGAGEMENT

Any Fine Arts Course (see back of College Catalog for list of courses)

PHI310 Philosophy of the Arts

GLOBAL AND HISTORICAL CONTEXTS

Any History Course

Any World Literature Course

Any American Sign Language Course

Any French Language Course

Any Spanish Language Course

LITERARY EXPRESSION

Any English Course

With the exception of: (cannot use the courses listed below)

ENG101 English Composition I

ENG103 English Composition II

ENG214 Public Speaking

ENG249 Introduction to Journalism

ENG260 Acting

ENG261 Advanced Composition and Research

PHILOSOPHICAL THOUGHT

Any Philosophy Course

IDS205 Crisis of Belief

QUANTITATIVE LITERACY

Any Math Course

RELIGIOUS THOUGHT AND PRACTICE

Any Religious Studies Course

IDS205 Crisis of Belief

SCIENTIFIC UNDERSTANDING AND METHODS

A LAB IS REQUIRED FOR THIS CORE ELECTIVE

Any Astronomy Course and Lab

Any Biology Course and Lab

Any Chemistry Course and Lab

Any Physics Course and Lab

SOCIAL AND BEHAVIORAL PERSPECTIVES

Any Anthropology Course

Any Economics Course

Any Political Science Course

Any Psychology Course

Any Sociology Course