Villa Maria
C O L L E G E

COMPUTER SOFTWARE DEVELOPMENT
BACHELOR OF SCIENCE (B.S.)

CURRICULUM REQUIREMENTS   FALL 2022 – SPRING 2023

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		ENG103	English Composition II	3
	Development	3	COR__	Core Elective	3
CSD101	Introduction to Computer Science I	4	COR__	Core Elective	3
ENG101	English Composition I	3	_____	General Elective	3
_____	General Elective	3			

SECOND YEAR

FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
CSD200	Data Structures and Algorithms	3	CSD206	Web Design and Programming II	3
CSD205	Web Design and Programming I	3			
COR___	Core Elective	3	CSD210	Computer Organization and	
COR___	Core Elective	3		Programming	3
_____	General Elective	3	CSD212	Operating Systems and System	
				Programming	3
			COR___	Core Elective	3
			_____	Liberal Arts Elective	3

THIRD YEAR

FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
CSD215	IT Project Management and	3	BUS114	Introduction to Business	3
	Methodologies		CSD307	Distributed Computing	3
CSD301	Database Systems	3	CSD309	Mobile Computing	3
CSD305	Networks and Network Administration	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
CSD403	Senior Project I	3	CSD409	Internship	3
CSD406	Special Topics	3	CSD4__	CSD 400 level elective	3
CSD4__	CSD 400 level elective	3	_____	Liberal Arts Elective	3
COR401	Core Curriculum Senior Seminar	3	_____	Liberal Arts Elective	3
_____	Liberal Arts Elective	3	_____	General Elective	3
			IDS401	Career Planning and Readiness	1

CORE ELECTIVES
for
COMPUTER SOFTWARE DEVELOPMENT
BACHELOR OF SCIENCE (B.S.)

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

SOCIAL AND BEHAVIORAL PERSPECTIVES

Any Anthropology Course
Any Economics Course
Any Political Science Course
Any Psychology Course
Any Sociology Course