COMPUTER INFORMATION SCIENCE MAJOR (CCIS.BS)

Required Courses		Hrs.	Prereq.	Rec.Yr.
One of the following				
MATH 110	College Algebra	3		Fr
MATH 130	PreCalculus	3		Fr
MATH 161	Calculus	4	C or better in MATH 130 or placement	
CSCI 140	Computer Science Essentials	3		Fr
CSCI 150	Computer Science as a Discipline	3	CSCI 140	Fr
CSCI 210	Object Oriented Programming I	3		Soph
CSCI 220	Object Oriented Programming II	3	CSCI 210	Soph
^CSCI 498	Senior Project I	3	CIS Major	Sr
^CSCI 499	Senior Project II	1	CSCI 498	Sr
BUSI 111	Prin. of Financial Accounting	3	DEVL 070, MATH-101 or Placement In 100 level math	Fr
BUSI 114	Prin. of Managerial Accounting	3	BUSI 111	Fr/Soph
BUSI 221	Principles of Finance	3	Pre or coreq BUSI 114	Soph/Jr
BUSI 255	Management of Info Systems	3		Soph
BUSI 3**	Business elective (300 level or above)	3		Jr/Sr
ECON 250	Statistics for Business & Econ	3	A 100 level general educ math or placement in 161	Soph
	OR			
MATH 115	Elementary Statistics	3		

One course from the following

CSCI 310	Advanced Programming	3	CSCI 220	Jr/Sr
CSCI 320	Assembly Language Microprocessor Arch	3	CSCI 150, 220 or PHYS 260	Jr/Sr
CSCI 330	Computer Networks	3	CSCI 220	Jr/Sr
CSCI 350	Database Mgmt Systems	3	CSCI 140 or 250	Jr/Sr
CSCI 388	Special Topics	3	As specified	Jr/Sr

40-41 total hours

REMINDERS

1. Prospective majors should consult with the math and computer science department regarding initial courses in the department.

^Satisfies advanced writing requirement

NAME: _____

B.S. Degree: Computer Information Science Major (for students entering in Fall 2024/Spring 2025)

In the "WHAT" column, enter the specific course number when applicable--e.g. HIST 121. In the "WHEN" column, enter the term and year in which the requirement is satisfied--e.g., sp '20.

Liberal Arts Core

WHAT	WHEN	
_____		ENGL 101* w/ C (2.0) [3 hrs]
_____		ENGL 110 w/ C (2.0) [3 hrs]
_____		COMM 211 w/ C (2.0) [3 hrs]
		Dept senior seminar/writing course
		Met by: _____ CSCI 498 [3 hrs]
		AND _____ CSCI 499 [1 hr]
_____		FYEX 101 [3 hrs]
_____		FYEX 102 [1 hr]
_____	_____	FYEX 103/104/105/106/107 [1 hr]
_____	_____	FYEX 103/104/105/106/107 [1 hr]
_____		FYEX 401 [1 hr]
_____	_____	Foundational Scientific Inquiry [3-4 hrs]
_____	_____	Foundational Quantitative Analysis [3-4 hrs]

No more than two lens courses may come from same departmental prefix and one lens must be taken at 300 level or above.

WHAT	WHEN	
_____	_____	Ethical/Spiritual Explor Lens (ETSP) [3 hrs]
_____	_____	Aesthetic Expression Lens (AEXP) [3 hrs]
_____	_____	Per & Soc Well Being Lens (PSWB) [3 hrs]
_____	_____	Cultural Perspectives Lens (CEXP) [3 hrs]
_____	_____	Experimental Inquiry Lens (EXIN) [3 hrs]

37 – 39 Total semester hours

_____ 120 semester hours required for graduation

*Enter NA (not applicable) if waived upon admission

Computer Information Science Major

WHAT	WHEN	
_____		CSCI 140 [3 hrs]
_____		CSCI 150 [3 hrs]
_____		CSCI 210 [3 hrs]
_____		CSCI 220 [3 hrs]
_____	_____	CSCI 310/320/330/350/388 [3 hrs]
_____		CSCI 498 [3 hrs]
_____		CSCI 499 [1 hr]
_____		BUSI *111 [3 hrs]
_____		BUSI 114 [3 hrs]
_____		BUSI 221 [3 hrs]
_____		BUSI 255 [3 hrs]
_____	_____	BUSI elective, 300-level or higher [3 hrs]
_____	_____	ECON 250/MATH 115 [3 hrs]
_____	_____	MATH 110/130/161 [3-4 hrs]
_____		40-41 semester hours

*DEVL-070 or MATH-101 is required if not 100-level math eligible

➤Except in specifically approved majors, a maximum of 52 hours in an academic discipline may count toward graduation. Three hours over the limit may count to accommodate an internship in the discipline.

➤ Only six hours of any minor may overlap with the required credit hours of a student's chosen major. The overlap constraint is not applicable to courses that majors or minors MUST take in others departments.