COMPUTER SCIENCE MAJOR (CSCI.BS)

Required Courses

		Hrs.	Prereq.	Rec.Yr.
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 310	Advanced Programming	3	CSCI 220	Jr/Sr
CSCI 320	Assembly Language/ Microprocessor Architecture	3	CSCI 150, 220 or PHYS 260	Jr/Sr
CSCI 330	Computer Networks	3	CSCI 220	Jr/Sr
CSCI 340	Operating Systems	3	Pre or coreq: CSCI 310	Jr/Sr
CSCI 350	Database Mgmt Systems	3	CSCI 140 or 250	Jr/
CSCI 388	Special Topics	3		Jr/Sr
CSCI 395	Computer Science Internship	1-12	CS Major/Minor	Sr
^CSCI 498	Senior Project I	3	CS Major	Sr
^CSCI 499	Senior Project II	1	CSCI 498	Sr
MATH 161	Calculus I	4	C or better in MATH 130 or placement	Soph
MATH 162	Calculus II	4	C (2.0) or better in MATH 161	Soph

One of the following courses

MATH 240	Discrete Mathematics	3	MATH 161	Soph/Jr
MATH 310	Linear Algebra	3	MATH 223	Jr/Sr

46-57 total hours

Recommended courses

PHIL 201	Logic	3		Soph-Sr
***	Foreign Language	3-6		**

^Satisfies advanced writing requirement

NAME: _____

B.S. Degree: Computer Science Major (for students entering in Fall 2022/Spring 2023)

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.

General Education

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]
_____	_____	Foundational Scientific Inquiry [3-4 hrs]
_____	_____	Foundational Quantitative Analysis [3-4 hrs]
_____	_____	Ethical/Spiritual Explor Lens (ETSP) [3 hrs]
_____	_____	Aesthetic Expression Lens (AEXP) [3 hrs]
_____	_____	Per & Soc Well Being Lens (PSWB) [3 hrs]
_____	_____	Cultural Expression Lens (CEXP) [3 hrs]
_____	_____	Experimental Inquiry Lens (EXIN) [3 hrs]
	_____	INDS 401 [1 hr]
	_____	INDS 402 [1 hr]

35 – 41 Total semester hours

_____ 120 semester hours required for graduation

*Enter NA (not applicable) if waived upon admission

Computer Science Major

WHAT	WHEN	
	_____	CSCI 140 [3 hrs]
	_____	CSCI 150 [3 hrs]
	_____	CSCI 210 [3 hrs]
	_____	CSCI 220 [3 hrs]
	_____	CSCI 310 [3 hrs]
	_____	CSCI 320 [3 hrs]
	_____	CSCI 330 [3 hrs]
	_____	CSCI 340 [3 hrs]
	_____	CSCI 350 [3 hrs]
	_____	CSCI 388§ [3 hrs]
	_____	CSCI 395 [1-12 hrs]
	_____	CSCI 498 [3 hrs]
	_____	CSCI 499 [1 hr]
	_____	MATH 161 [4 hrs]
	_____	MATH 162 [4 hrs]
_____	_____	MATH 240/310 [3 hrs]

_____ 46-57 semester hours

§CSCI 388 may be repeated when topic changes.

➢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.