

## COMPUTER SCIENCE MAJOR (CSCI.BS)

<u>Required Courses</u>		<u>Hrs.</u>	<u>Prereq.</u>	<u>Rec.Yr.</u>
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;Pre or coreq MATH 163	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 2019/Spring 2020)**

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 '00.

General Education	
WHAT	WHEN
_____	ENGL 101/INDS 106* w/ C (2.0) [3 hrs]
_____	ENGL 102/INDS 102* w/ C(2.0)* [3 hrs]
_____	COMM 211/INDS 103 w/ C(2.0) [3 hrs]
_____	Dept senior seminar/writing course
_____	Met by: _____ CSCI 498 [3 hrs]
_____	AND _____ CSCI 499 [1 hr]
_____	BIOL/CHEM/ENVS/PHSC/PHYS w/ lab [3 hrs]/INDS 112 [4 hrs]
_____	BIOL/CHEM/ENVS/PHSC/PHYS w/ lab [3 hrs]/INDS 112 [4 hrs]
_____	MATH (except 112,141,203,205)/BIOL 215/PSYC 230/INDS 114 [3-4 hrs]
_____	RELG/INDS 111 [3-4 hrs]
_____	PHIL [3 hrs]/INDS 110 [4 hrs]
_____	INDS 120 [3 hrs]/INDS 116 [4 hrs]
_____	Any literature course/INDS 113[3 hrs]
_____	Fine Arts
_____	_____ ART (except 265)/DANC/MUSC/THRE/ENGL 213/INDS 107 [3-4 hrs]
_____	OR
_____	_____ MUSC/THRE [2 hrs]
_____	_____ same discipline [1 hr]
_____	OR
_____	_____ MUSC/THRE [1 hr]
_____	_____ same discipline [1 hr]
_____	_____ same discipline [1 hr]
_____	HIST 100 or 200 level except HIST 201/ or INDS 117 [3-4hrs]
_____	CJUS/ECON/GEOG/GNST/POLS/PSYC/ SOCI [3hrs]/INDS 104 [4 hrs]
_____	US Cultural Studies [3 hrs]/INDS 109 [4 hrs]
_____	Non-Western Cultural Studies [3 hrs] /INDS 108 [4 hrs]
_____	EXSC 110/120/121/130/201/240 [3 hrs]/INDS 105 [4 hrs]
_____	120 semester hours required for graduation

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.

\*Enter NA (not applicable) if waived upon admission or if completing the honors program.