

Bridgewater State University
Four Year Academic Advising Plan
2023-2024

Major: Computer Science Degree: BS
Concentration: N/A
Program Code: COMP Catalog Year 2023

Freshman Year

Fall Semester	Spring Semester
ENGL 101, Writing Rhetorically I, or ENGL 101/144, Targeted-Writing Rhetorically	ENGL 102, Writing II
Math 130 (Depends on placement test score/SAT Math score, students may need to take Math095 → Math122 → Math150 prerequisites to take Math161)	(Math 120 or MATH202) or Math 161 (Check Prerequisites)
First Year Seminar or Logical Reasoning	First Year Seminar or Logical Reasoning
COMP 151	COMP 152
Science sequence: BIOL 121 or CHEM 131 or CHEM 141 PHYS 181 or PHYS 243	Second Science Sequence: BIOL 122 or CHEM 132 or CHEM 142 PHYS 182 or PHYS 243 Depending on what was taken earlier

Writing Rhetorically, First Year Seminar, and Foundations of Logical Reasoning must be taken by the end of the first year.

Additional Notes from the Academic Department:

- Note that if the student doesn't place into Calculus immediately Math 150 may be needed instead of the math courses listed here (pushing these math courses to a later year)
- No core courses should be taken in the first year except for those required of first year students.

Sophomore Year

Fall Semester	Spring Semester
Spoken Communication Requirement or Second Year Seminar	Spoken Communication Requirement or Second Year Seminar
(Math 120 or MATH202) or Math 161 (Check Prerequisites)	MATH 162
COMP 206	COMP 340 or COMP430 (Offered every Spring semester)
COMP 250	Core Distribution Requirement (Social Science/writing intensive)
Core Distribution Requirement (Humanities/Global)	Core Distribution Requirement (Humanities/multi cultural)

Second Year Seminar (SYS) and Spoken Communication must be taken by the end of the second year.

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Additional Notes from the Academic Department:

Note that nearly all of our students try to double or triple dip the core requirements so that they take one course for Humanities/Global Cultural/Writing intensive for example.

Junior Year

Fall Semester	Spring Semester
Math 200	Core Distribution Requirement (Social Science)
Core Distribution Requirement (Humanities)	Core Distribution Requirement (Fine and Performing Arts)
Core Distribution Requirement (U.S. and MA Constitutions-if not taken above)	COMP 430 or COMP340 Depending on what was taken earlier (Offered every Spring semester)
COMP 350 (Offered every Fall semester)	COMP Elective*
COMP 390 (Writing Designated in the Major taken as a course in the major) (Offered every Fall semester)	COMP Elective *

* All 300 and 400 level COMP elective (Complete at least five courses, selected from any COMP courses at the 300-level or above, except those required courses. Each elective topic is usually offered every other year)

Senior Year

Fall Semester	Spring Semester
Core Distribution Requirement (Fine and Performing Arts)	Core Distribution Requirement (Application of Quantitative Skills-if not taken above)
Core Distribution Requirement (Global Culture-if not taken above)	COMP Elective*
COMP Elective*	COMP Elective*
COMP 435 (Offered every Fall semester)	COMP 490 (Offered every Spring semester)

The BS degree in Computer Science at BSU is accredited by the ABET. In accordance with ABET reporting requirements and best practices of transparency, the following information on our BS in Computer Science degree is provided on our extranet web page for prospective students: Student outcomes, Program educational objectives, Enrollment and graduation statistics, Course learning outcomes for required courses, Four year academic advising plan

<https://www.bridgew.edu/department/computer-science/accreditation>