

Bachelor of Science (B.S.)
Computer Science
 Honors College: MTH 201 Start

2026 – 2027
 Catalog Year

1st Year		
Fall MTH 201: Calculus 1 4 CIS 162: Computer Science 1 4 HNR 151: Interdisciplinary Sequence 1 3 HNR 152: Interdisciplinary Sequence 2 3 CIS 100: Computing Exploration Seminar 1 Total 15	Winter CIS 163: Computer Science 2 4 COM 201: Speech 3 MTH 225: Discrete Structures: CS 3 HNR 153: Interdisciplinary Sequence 3 3 HNR 154: Interdisciplinary Sequence 4 3 Total 16	Summer
2nd Year		
Fall STA 215: Intro Applied Statistics 3 or STA 330: Prob and Stats for Computing MTH 325: Discrete Structures: CS 2 3 CIS 241: System Level Program and Utilities 3 HNR 300: Campus and Comm Engagement 3 Free Elective 3 Total 15	Winter CIS 263: Data Structures and Algorithms 3 CIS 351: Computer Org and Assembly Lang 3 CIS 290: Prof Responsibilities & Practices 3 MTA/STA Elective 3 Free Elective 3 Total 15	Summer
3rd Year		
Fall CIS 350: Intro to Software Engineering 3 CIS 353: Database 3 Science Cognate 4 HNR 350: Integrative Seminar 3 Total 13	Winter CIS 343: Structure of Programming Languages 3 CIS 457: Data Communications 3 CIS Elective 3 HNR Elective: HNR 250 or HNR 351 3 Free Elective 3 Total 15	Summer CIS 490: Internship 2-5 Total 2-5
4th Year		
Fall CIS 452: Operating System Concepts 3 CIS Elective 3 CIS Elective 3 Free Elective 3 Free Elective 3 Total 15	Winter CIS 467: Computer Science Project 3 WRT 350: Business Communication 3 CIS Elective 3 Free Elective 3 Free Elective 3 Total 15	Summer

- This is a suggested curriculum guide that might not be applicable to every student
- This suggested course sequence is intended as a general guide and may need to be adjusted based on course availability
- Student must have a **minimum of 120 credits** to graduate, with **58 of the 120 credits** being from a senior level institution and **18 of the last 30 credits** completed at GVSU

Honors Requirements	
HNR 151	HNR 152
HNR 153	HNR 154
HNR 300	HNR Elective: HNR 250 or 351
HNR 251 (fulfilled via CIS 353)	HNR 350
HNR 401/499 (fulfilled via CIS 467)	

Major Notes:

- 1.) MTH or STA: Please select one of the following courses: MTH 202, MTH 204, MTH 465, STA 216 or STA 418.
- 2.) Sci. Cognate: Students may choose from BIO 120, BIO 121, BMS 202, CHM 125+126, CHM 127+128, GEO 111, PHY 220, PHY 221, PHY 230 and PHY 231.
- 3.) CIS 490 can be taken as 2-5 credits. Students will work with the Computing Internship Coordinator to determine the best number of credits for them.

Honors:

The Frederik Meijer Honors College and the College of Computing have approved the following substitutions for the honors curriculum:

- 1) CIS 353 fulfills the HNR 251 requirement.
- 2) CIS 467 fulfills the HNR 401 and HNR 499 requirements.
- 3) All GVSU students must earn credit for two Supplemental Writing Skills (SWS) courses. Honors students can earn credit for one SWS course by completing HNR 154 (the winter semester of a first-year sequence) with a grade of C or better. They must earn their second SWS course credit outside of the Honors requirements.

Students are encouraged to plan ahead and submit a proposal for how they plan to fulfill the HNR 300 requirement. All students must complete 3 credits of HNR 300 before graduation. It can be taken as a 1-credit, 2-credit, or 3-credit course. There are three options for fulfilling this honors requirement: **pre-approved activity**, **pre-approved course substitution**, or **an activity or course**. Please work with an honors advisor to determine the best fit for you.