

Bachelor of Science (B.S.)
Information Technology
Honors College: MTH 125 Start

2025 – 2026
Catalog Year

1st Year		
Fall MTH 125: Survey of Calculus 3 CIS 231: Prblm Solving Using Spreadsheets 3 CIS 162: Computer Science I 4 HNR 151: Interdisciplinary Sequence 1 3 HNR 152: Interdisciplinary Sequence 2 3 Total 16	Winter COM 201: Speech 3 CIS 260: App Development in Visual Basic 4 STA 215: Intro Applied Statistics 3 HNR 153: Interdisciplinary Sequence 3 3 HNR 154: Interdisciplinary Sequence 4 3 Total 16	Spring/Summer
2nd Year		
Fall CIS 231: Prblm Solving Using Spreadsheets 3 CIS 250: Principles of Information Mgt 3 CIS 230: Hardware and Software 3 CIS 238: Internet Media and Programming 3 HNR 201: Live. Learn. Lead. 3 Total 15	Winter CIS 333: Database Mgt and Implementation 3 CIS 337: Network Systems Management 3 CIS 290: Professional Responsibilities & Practices 3 CIS 338: WAN Engineering 3 HNR 300: Campus and Community Engagement 3 Total 15	Spring/Summer
3rd Year		
Fall CIS 331: Data Analysis Tools & Technology 3 CIS 368: Usability Design and Evaluation 3 CIS 458: System Security 3 CIS 450: IS Project Management 3 Free Elective 3 Total 15	Winter CIS 358: Information Assurance 3 CIS 437: Distributed Computing 4 CIS 373: Pervasive Computing 3 WRT 350: Business Communication 3 CIS Elective 3 Total 16	Spring/Summer CIS 490: Internship 2-5 Total 2-5
4th Year		
Fall CIS 430: Computer and Cyber Forensics 3 HNR 350: Integrative Seminar 3 CIS Elective 3 CIS Elective 3 Free Elective Total 15	Winter CIS 462: IT Project 3 CIS Elective 3 CIS Elective 3 Free Elective 3 Total 12	Spring/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 the **final 30 of the 120 credits** completed at GVSU

Honors Requirements	
HNR 151	HNR 152
HNR 153	HNR 154
HNR 300	HNR 201
HNR 251 (fulfilled via CIS 331)	HNR 350
HNR 401/499 (fulfilled via CIS 462)	

Honors:

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

- 1) CIS 331 fulfills the HNR 251 requirement.
- 2) CIS 462 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 200 requirement. All students must complete 3 credits of HNR 200 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.

Major Notes:

- 1) CIS 490 can be taken as 2-5 credits. Students will work with the Computing Internship Coordinator to determine the best amount of credits for them.

Track Electives (Choose 1 of the following tracks):

Take **3** courses from within selected track. You must take an additional two courses from any track that you did not select:

- 1) **Data Management and Visualization:** CIS 320, CIS 335, and CIS 360
- 2) **Software Development:** CIS 163 or CIS 241, CIS 330, CIS 443
- 3) **Web and Mobile Applications:** CIS 163 or CIS 241, CIS 357, CIS 371
- 4) **IT Management:** CIS 330, MGT 300 or MTH 331, CIS 460
- 5) **Cybersecurity:** CIS 375, CIS 453, CIS 455
- 6) **IT Specialization:** A list of nine credit hours to be chosen by the student to customize their concentration in specialized areas to complement the students' program goals and approved by an advisor.