GRAND VALLEY STATE UNIVERSITY
COMPUTING ADVISING CENTER

Bachelor of Science (B.S.)

Information Technology

Honors College: MTH 122 Start

2026 – 2027 Catalog Year

1st Year

Fall		Winter		Summer
MTH 122: College Algebra	3	CIS 230: Hardware and Software	3	
CIS 250: Principles of Information Mgt	3	CIS 260: App Development in Visual Basic	4	
CIS 162: Computer Science I	4	CIS 100: Computing Exploration Seminar	1	
HNR 151: Interdisciplinary Sequence 1	3	HNR 153: Interdisciplinary Sequence 3	3	
HNR 152: Interdisciplinary Sequence 2	3	HNR 154: Interdisciplinary Sequence 4	3	
Total	**16**	**Total**	**14**	

2nd Year

Fall		Winter		Summer
CIS 231: Prblm Solving Using Spreadsheets	3	CIS 333: Database Mgt and Implementation	3	
CIS 337: Network Systems Management	3	CIS 238: Internet Media and Programming	3	
COM 201: Speech	3	CIS 290: Professional Responsibilities & Practices	3	
HNR Elective: HNR 250 or 351	3	CIS 338: WAN Engineering	3	
MTH 225: Discrete Structures: CS	3	STA 215: Intro Applied Statistics	3	
Total	**15**	**Total**	**15**	

3rd Year

Fall		Winter		Summer	
CIS 331: Data Analysis Tools & Technology	3	CIS 358: Information Assurance	3	CIS 490: Internship	2-5
HCC 304: Usability Design and Evaluation	3	CIS 437: Distributed Computing	4		
CIS 458: System Security	3	CIS 373: Pervasive Computing	3		
CIS 450: IS Project Management	3	WRT 350: Business Communication (SWS)	3		
HNR 300: Campus and Community Engagement	3	IT Track	3		
Total	**15**	**Total**	**16**	**Total**	**2-5**

4th Year

Fall		Winter		Summer
CIS 430: Computer and Cyber Forensics	3	CIS 462: IT Project	3	
HNR 350: Integrative Seminar	3	IT Track	3	
IT Track	3	IT Elective	3	
IT Elective	3	Free Elective	3	
Free Elective		Free Elective	3	
Total	**15**	**Total**	**15**	

- 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

College of Computing Advising Center
B-3-241 Mackinac Hall
616-331-2310 or online at www.gvsu.edu/computing/advising

Honors Requirements	
HNR 151	HNR 152
HNR 153	HNR 154
HNR 300	HNR Elective: HNR 250 or 351
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 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.

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 for a total of 5 courses.

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 MGT 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.