

Bachelor of Science (B.S.) Information Systems

Honors College: MTH 125 Start

**2026 – 2027
Catalog Year**

1st Year				
Fall		Winter		Spring/Summer
COM 201: Speech	3	CIS 260: App Development in Visual Basic	4	
MTH 125: Survey of Calculus	3	STA 215: Intro to Applied Statistics	3	
CIS 162: Computer Science 1	4	CIS 230: Hardware and Software	3	
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	16	
2nd Year				
Fall		Winter		Spring/Summer
CIS 250: Principles of Information Systems	3	MGT 300: Fund. of Mgt for Non-Bus Majors	3	
CIS 238: Internet Media and Programming	3	CIS 333: Database Mgt and Implementation	3	
CIS 231: Prob Solving using Spreadsheets	3	CIS 290: Professional Responsibilities & Practices	3	
BUS 201: Legal Environment for Business	3	HNR 300: Campus and Community Engagement	3	
HNR Elective	3			
Total	15	Total	12	
3rd Year				
Fall		Winter		Spring/Summer
ACC 212: Principles of Financial Accounting	3	CIS 330: Systems Analysis and Design	3	CIS 490: Internship 2-5
CIS 337: Network Systems Management	3	CIS 358: Information Assurance	3	
MKT 300: Fund. of Mkt for Non-Bus Majors	3	ACC 213: Principles of Managerial Accounting	3	
WRT 350: Business Communication (SWS)	3	CIS Track Elective	3	
Free Elective	3	Free Elective	3	
Total	15	Total	15	Total 2-5
4th Year				
Fall		Winter		Spring/Summer
CIS 450: IS Project Management	3	CIS 463: Information Systems Project	3	
CIS 460: Management of Info Systems	3	FIN 300: Fund. of Finance for Non-Bus Majors	3	
CIS Track Elective	3	CIS Track Elective	3	
HNR 350: Integrative Seminar	3	ECO 201 or 202: Micro or Macro Economics	3	
Free Elective	3	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 final 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 333)	HNR 350
HNR 401/499 (fulfilled via CIS 463)	

Major Notes:

- 1.) In order to complete the IS major on this timeline, students must take the critical sequence for the IS degree as follows:
 - a. **CIS 250** and **CIS 162** must be taken before **CIS 330** and **CIS 333**.
 - b. **CIS 330** and **CIS 333** must be taken before **CIS 450**.
 - c. **CIS 450** must be completed before **CIS 463**.
- 2.) CIS 490 can be taken as 2-5 credits. Students will work with CIS Internship Coordinator to determine the best number of credits for them.

Track Electives:

Take **3** courses from within your selected track:

- 1.) **Software Development:** CIS 443 and choose two from CIS 241, CIS 253, CIS 371, and CIS 163.
- 2.) **Network Management:** CIS 437, CIS 458, AND (CIS 338 OR CYB 475)
- 3.) **Data Analysis:** CIS 320, CIS 331, AND (CIS 335 OR CIS 365)
- 4.) **IS Specialization:** A list of nine-credit hours to customize a concentration in specialized areas to complement the student's program goals. The selection of this option and a list of three courses must be approved prior to courses being taken in the track. Courses in the core cannot be counted again in this IS specialization track.

Honors:

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

- 1) CIS 333 fulfills the HNR 251 requirement.
- 2) CIS 463 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 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.