

Bachelor of Science (B.S.)
Information Systems
MTH 125 Start

2025 – 2026
Catalog Year

1st Year		
Fall COM 201: Speech 3 MTH 125: Survey of Calculus 3 WRT 150: Strategies in Writing 4 or WRT 120 <u>and</u> WRT 130 CIS 162: Computer Science 1 4 Total 14	Winter CIS 260: Application Dev in Visual Basic 4 General Education 3 CIS 230: Hardware and Software 3 CIS 231: Excel Concepts and Applications 3 Total 13	Spring/Summer
2nd Year		
Fall CIS 250: Principles of Information Systems 3 ACC 212: Principles of Financial Accounting 3 CIS 238: Internet Media and Programming 3 STA 215: Intro to Applied Statistics 3 General Education 3 Total 15	Winter ACC 213: Principles of Managerial Accounting 3 CIS 290: Professional Responsibilities & Practices 3 CIS 333: Database Mgt and Implementation 3 General Education 3 General Education 3 Total 15	Spring/Summer
3rd Year		
Fall BUS 201: Legal Environment for Business 3 CIS 337: Network Systems Management 3 MGT 300: Fund. of Mgt for Non-Bus Majors 3 MKT 300: Fund. of Mkt for Non-Bus Majors 3 WRT 350: Business Communication 3 Total 15	Winter CIS 330: Systems Analysis and Design 3 CIS 358: Information Assurance 3 CIS Track Elective 3 ECO 210 or 211: Macro or Micro Economics 3 General Education Course 3 Total 15	Spring/Summer CIS 490: Internship 2-5 Total 2-5
4th Year		
Fall CIS 450: IS Project Management 3 CIS 460: Management of Info Systems 3 CIS Track Elective 3 General Education 3 General Education 3 Total 15	Winter CIS 463: Information Systems Project 3 FIN 300: Fund. of Finance for Non-Bus Majors 3 CIS Track Elective 3 General Education 3 General Education 3 Total 15	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

General Education Requirements	
WRT 150: Strategies in Writing (grade of "C" or higher required) or WRT 120 and WRT 130 (grade of "C" or higher required in both)	Life Sciences
Physical Sciences	Philosophy and Literature
Arts	Mathematical Sciences (MTH 125)
Social Behavioral Sciences (COM 201)	Social Behavioral Sciences (ECO 210 or 211)
Historical Analysis	U.S. Diversity
Global Perspectives	2 Supplemental Writing Skills Courses (prerequisite: WRT 130 or WRT 150)
2 Issues Courses (prerequisite: must have 55+ credits, CIS 358)	

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.
- 3.) It is highly encouraged for students to "double dip" their general education requirements when possible.
 - a. Consider taking a course that fulfills the U.S. Diversity category and one Social and Behavioral Science course.
 - b. Consider taking a course that fulfills the Global Perspectives category and Historical Analysis category.
- 4.) Two Supplemental Writing Skills (SWS) courses are required for graduation. WRT 350 will fulfill one SWS requirement. The remaining SWS requirement can be fulfilled via a general education category.

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 CIS 375)
- 3.) **Data Analysis:** CIS 320, CIS 331, AND (CIS 335 OR CIS 360)
- 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.