1st Year

Fall		Winter		Spring/Summer
COM 201: Speech	3	MTH 125: Survey of Calculus	3	
MTH 110: Algebra	4	CIS 162: Computer Science 1	4	
WRT 150: Strategies in Writing **or** WRT 120 <u>and</u> WRT 130	4	CIS 230: Hardware and Software	3	
		CIS 231: Excel Concepts and Applications	3	
General Education	3	General Education	3	
Total	**14**	**Total**	**16**	

2nd Year

Fall		Winter		Spring/Summer
CIS 260: App Development in Visual Basic	4	CIS 290: Professional Responsibilities & Practices	3	
STA 215: Intro Applied Statistics	3	ACC 213: Principles of Managerial Accounting	3	
CIS 250: Principles of Information Systems	3	CIS 333: Database Mgt and Implementation	3	
ACC 212: Principles of Financial Accounting	3	BUS 201: Legal Environment for Business	3	
CIS 238: Internet Media and Programming	3	General Education	3	
Total	**16**	**Total**	**15**	

3rd Year

Fall		Winter		Spring/Summer	
CIS 337: Network Systems Management	3	CIS 330: Systems Analysis and Design	3	CIS 490: Internship	2-5
MGT 300: Fund. of Mgt for Non-Bus Majors	3	CIS 358: Information Assurance	3		
MKT 300: Fund. of Mkt for Non-Bus Majors	3	CIS Track Elective	3		
WRT 350: Business Communication	3	ECO 210 or 211: Macro or Micro Economics	3		
General Education	3	General Education	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	
General Education	3	General Education	3	
General Education	3	General Education	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 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.