Information Systems

Grand Valley State University 2020-21 Catalog
MTH 125 Fulfilled Placement – 4 year program

Secondary Admission Criteria

1) Overall GPA of 2.5 or above in all Grand Valley State University coursework.

2) Completion of each course in the Information Systems foundation with a grade of C (2.0) or above. Foundation courses are designated by an asterisk (*) on this guide.

3) GPA of 2.5 or above in the Information Systems foundation.

1st Semester Fall: 13 credits
*MTH 125   Survey of Calculus
WRT 150   Writing Strategies
   OR WRT 120/WRT 130 (may change timeline)
*COM 201   Speech
*CIS 160   Learn to Code in Python

2nd Semester Winter: 14.5 credits
*STA 215   Introductory Applied Statistics
*CIS 162   Computer Science I
*CIS 230   Hardware and Software
CIS 221   Excel Concepts and Applications
General Education Course

3rd Semester Fall: 15 credits
CIS 250   Principles of Information Systems
ACC 212   Principles of Financial Accounting
CIS 238   Internet Media and Programming
General Education Courses (Select 2)

4th Semester Winter: 16 credits
CIS 260   Application Development in Visual Basic
ACC 213   Principles of Managerial Accounting
CIS 333   Database Management and Implementation
CIS 290   Professional Responsibilities and Practices
General Education Course

5th Semester Fall: 15 credits
BUS 201   Legal Environment for Business
CIS 337   Network Systems Management
MGT 300   Fundamentals of MGT for Non-Bus Majors
  OR 331   Concepts of Management
MKT 300   Fundamentals of MKT for Non-Bus Majors
  OR 350   Marketing Management
WRT 350   Business Communication

6th Semester Winter: 15 credits
CIS 330   Systems Analysis and Design
CIS 358   Information Assurance
CIS Track Elective
ECO 210   Macroeconomics
  OR ECO 211   Microeconomics
General Education Course

Spring/Summer Semester: 5-8 credits
CIS 490   Internship
General Education Course

7th Semester Fall: 15 credits
CIS 450   IS Project Management
CIS 460   Management of Information Systems
CIS Track Elective
General Education Courses (Select 2)

8th Semester Winter: 15-16 credits
CIS 463   Information Systems Project
FIN 300   Fundamentals of FIN for Non-Bus Majors
  OR FIN 320   Managerial Finance
CIS Track Elective
General Education Course

It is important to meet with a professional advisor in the PCEC Advising Center on a regular basis. The PCEC Advising Center is located in 101 Eberhard Center. Please call 616-331-6025 or go online at www.gvsu.edu/pcec/advising to schedule an appointment.

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Track Electives (Choose **1** of the following tracks)
Take **3** courses from within 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 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.

General Education

Category	Completed?	Category	Completed?	Category	Completed?
Physical Sciences		Mathematical Sciences (MTH 125)		Global Perspectives	
Life Sciences		Social & Behavioral Sciences (ECO 210 or 211)		U.S. Diversity	
Arts		Social & Behavioral Sciences		Issues (CIS 358)	
Philosophy & Literature		Historical Perspectives		Issues	

1) Consider taking a course that fulfills the U.S. Diversity category and one non-ECO Social and Behavioral Science course.

2) ECO 210 or 211 is required for the information systems major AND fulfills one Social and Behavioral Science course.

3) CIS 358 is required for the information systems major AND fulfills one Issues course.

4) Consider taking a course that fulfills the Global Perspectives category and one Issues course.

5) Two Supplemental Writing Skills (SWS) courses are required for graduation. These can be fulfilled via other general education categories.