

Information Systems

Grand Valley State University 2020-21 Catalog

MTH 110 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: 14 credits

MTH 110 Algebra
WRT 150 Writing Strategies
OR WRT 120/WRT 130 (may change timeline)
*COM 201 Speech
General Education Course

2nd Semester Winter: 13.5 credits

*MTH 125 Survey of Calculus
*CIS 160 Learn to Code in Python
*CIS 230 Hardware and Software
CIS 221 Excel Concepts and Applications
General Education Course

3rd Semester Fall: 16 credits

*CIS 162 Computer Science I
*STA 215 Introductory Applied Statistics
CIS 250 Principles of Information Systems
ACC 212 Principles of Financial Accounting
CIS 238 Internet Media and Programming

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 Courses (Select 2)

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.

Information Systems

Grand Valley State University 2020-21 Catalog

MTH 110 Placement – 4 year program

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

<u>Category</u>	<u>Completed?</u>	<u>Category</u>	<u>Completed?</u>	<u>Category</u>	<u>Completed?</u>
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.

PCEC Advisors

Elizabeth Brand, brandeli@gvsu.edu
 Jessica Noble, noblejes@gvsu.edu
 Audra Pretty-Smith, prettyau@gvsu.edu

Colin DeKuiper, dekuippec@gvsu.edu
 Mary Nuznov, nuznovma@gvsu.edu
 Sara Wheeler, whelesa@gvsu.edu