Information Systems
Grand Valley State University 2020-21 Catalog
MTH 125 Fulfilled Placement – 4 year Honors 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: 15 credits
*MTH 125	Survey of Calculus
*COM 201	Speech
*CIS 160	Learn to Code in Python
HNR 151	First Year Interdisciplinary Sequence 1
HNR 152	First Year Interdisciplinary Sequence 2

2nd Semester Winter: 16 credits
*STA 215	Introductory Applied Statistics
*CIS 162	Computer Science I
*CIS 230	Hardware and Software
HNR 153	First Year Interdisciplinary Sequence 3
HNR 154	First Year Interdisciplinary Sequence 4

3rd Semester Fall: 13.5 credits
BUS 201	Legal Environment for Business
CIS 250	Principles of Information Systems
CIS 238	Internet Media and Programming
CIS 221	Excel Concepts and Applications
HNR 201	Live. Learn. Lead.

4th Semester Winter: 13 credits
CIS 260	Application Development in Visual Basic
CIS 333	Database Management and Implementation
CIS 290	Professional Responsibilities and Practices
HNR 200	Campus/Community Engagement

5th Semester Fall: 15 credits
CIS 337	Network Systems Management
ACC 212	Principles of Financial Accounting
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	
ACC 213	Principles of Managerial Accounting
Free Elective	

Spring/Summer Semester: 2-5 credits
CIS 490	Internship

7th Semester Fall: 13-14 credits
CIS 450	IS Project Management
CIS 460	Management of Information Systems
CIS Track Elective	
HNR 350	Honors Integrative Seminar

8th Semester Winter: 12-13 credits
CIS 463	Information Systems Project
FIN 300	Fundamentals of FIN for Non-Bus Majors
OR FIN 320	Managerial Finance
CIS Track Elective	
ECO 210	Macroeconomics
OR ECO 211	Microeconomics
Free Elective	

Information Systems

<u>Track Electives (Choose **1** of the following tracks)</u>
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.

<u>Honors</u>
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.

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 200 before graduation. It can be take 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.

<u>PCEC Advisors</u>
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