Information Systems

Grand Valley State University 2021-22 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	3 credits
*COM 201	Speech	3 credits
*CIS 160	Learn to Code in Python	3 credits
HNR 151	Interdisciplinary Seq. 1	3 credits
HNR 152	Interdisciplinary Seq. 2	3 credits

2nd Semester Winter: 16 credits

*CIS 162	Computer Science I	4 credits
*STA 215	Intro Applied Statistics	3 credits
*CIS 230	Hardware and Software	3 credits
HNR 153	Interdisciplinary Seq. 3	3 credits
HNR 154	Interdisciplinary Seq. 4	3 credits

3rd Semester Fall: 13.5 credits

CIS 221	Excel Concepts and App.	1.5 credits
CIS 238	Internet Med. & Program	3 credits
CIS 250	Principles of Info Sys.	3 credits
BUS 201	Legal Env. for Business	3 credits
HNR 201	Live. Learn. Lead.	3 credits

4th Semester Winter: 13 credits

CIS 260	App. Development in VB	4 credits
CIS 333	DB Mgt & Implement.	3 credits
CIS 290	Prof Resp & Practices	3 credits
HNR 200	C/C Engagement	3 credits

5th Semester Fall: 15 credits

CIS 337	Network Sys. Mgt.	3 credits
ACC 212	Principles of Fin. Acc.	3 credits
MGT 300	Fund. Of Mgt for Non-Business Majors	
OR 331	Managing People & Org	3 credits
MKT 300	Fund. of Mkt. for Non-Business Majors	
OR 350	Marketing Management	3 credits
WRT 350	Business Communication	3 credits

6th Semester Winter: 12-13 credits

CIS 330	Sys. Analysis and Design	3 credits
CIS 358	Information Assurance	3 credits
ACC 213	Principles of Mgr Acc.	3 credits
CIS Track Elective		3-4 credits

Spring/Summer Semester: 2-5 credits

CIS 490	Internship	2-5 credits

7th Semester Fall: 15-16 credits

CIS 450	IS Project Management	3 credits
CIS 460	Mgt of Info Systems	3 credits
CIS Track Elective		3-4 credits
HNR 350	Integrative Seminar	3 credits
Free Elective		3 credits

8th Semester Winter: 15-16 credits

CIS 463	Info Systems Project	3 credits
FIN 300	Fund. of FIN for Non-Bus Majors	
OR FIN 320	Managerial Finance	3 credits
CIS Track Elective		3-4 credits
ECO 210	Macroeconomics	3 credits
OR ECO 211	Microeconomics	
Free Elective		3 credits

Important Note: In order to complete the IS major on this timeline, students must take the critical sequence for the IS degree as follows:

1) **CIS 250** and **CIS 162** must be taken before **CIS 330** and **CIS 333**.
2) **CIS 330** and **CIS 333** must be taken before **CIS 450**.
3) **CIS 450** must be completed before **CIS 463**.

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 B-3-241 Mackinac Hall and 101 Eberhard Center. Please call 616-331-6025 or go online at www.gvsu.edu/pcec/advising to schedule an appointment.

Information Systems

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.

Honors

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.

PCEC Advisors

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