

Information Technology

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 Technology foundation with a grade of C or above. Foundation courses are designated by an asterisk (*) on this guide.

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

1st Semester Fall: 15 credits

*MTH 125	Survey of Calculus	3 credits
CIS 150	Intro to Computing	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

*STA 215	Intro Applied Statistics	3 credits
*CIS 162	Computer Science I	4 credits
*COM 201	Speech	3 credits
HNR 153	Interdisciplinary Seq. 3	3 credits
HNR 154	Interdisciplinary Seq. 4	3 credits

3rd Semester Fall: 15 credits

CIS 231	Prob Solv. Using S/S	3 credits
CIS 238	Internet Med. & Program	3 credits
MGT 268	Bus. Prcs Mgt Info Sys.	3 credits
CIS 230	Hardware and Software	3 credits
HNR 201	Live. Learn. Lead.	3 credits

4th Semester Winter: 15 credits

CIS 333	DB Mgt & Implement.	3 credits
CIS 337	Network Sys. Mgt.	3 credits
STA 216	Intermed Applied Stats	3 credits
CIS 290	Prof Resp & Practices	3 credits
HNR 200	C/C Engagement	3 credits

5th Semester Fall: 15-16 credits

CIS 331	Data Ansys Tools & Tech	3 credits
CIS 338	WAN Engineering	3 credits
CIS 368	Usability Design & Eval	3 credits
CIS 458	System Security	3 credits
CIS Elective		3-4 credits

6th Semester Winter: 16-17 credits

CIS 358	Information Assurance	3 credits
CIS 373	Pervasive Computing	3 credits
CIS 437	Distributed Computing	4 credits
WRT 350	SWS Bus Comm	3 credits
CIS Elective		3-4 credits

Spring/Summer Semester: 2-5 credits

CIS 490	Internship	2-5 credits
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7th Semester Fall: 12-13 credits

CIS 430	Comp. & Cyber Forensics	3 credits
CIS Elective		3-4 credits
HNR 350	Integrative Seminar	3 credits
Free Elective		3 credits

8th Semester Winter: 12-14 credits

CIS 462	IT Project	3 credits
CIS Electives (Select 2)		6-8 credits
Free Elective		3 credits

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.

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Major Notes

- 1) CIS 358 and CIS 331 require Junior-level standing. Both classes are part of the Issues category within the General Education program. Students will still need to take one non-CIS Issues course to fulfill that category.

Track Electives (Choose 1 of the following tracks)

Take **3** courses from within selected track. You must take an additional two courses from any track that you did not select:

- 1) **Data Management and Visualization:** CIS 320, CIS 335, and CIS 360
- 2) **Software Development:** CIS 260, CIS 330, and CIS 443
- 3) **Web and Mobile Applications:** CIS 260, CIS 357, and CIS 371
- 4) **IT Management:** CIS 330, CIS 450, and CIS 460
- 5) **IT Specialization:** A list of nine credit hours to be chosen by the student to customize their concentration in specialized areas to complement the students' program goals and approved by an advisor.

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 331 fulfills the HNR 251 requirement.
- 2) CIS 462 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 taken 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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