

Information Technology

Grand Valley State University 2020-21 Catalog

MTH 110 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 Technology foundation with a grade of C or above (C- is not sufficient). 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: 16 credits

*MTH 125 Survey of Calculus
WRT 150 Writing Strategies
 OR WRT 120/WRT 130 (may change timeline)
CIS 150 Introduction to Computing
*CIS 160 Learn to Code in Python
General Education Course

2nd Semester Winter: 16 credits

*STA 215 Introductory Applied Statistics
*CIS 162 Computer Science I
CIS 230 Hardware and Software
*COM 201 Speech
General Education Course

3rd Semester Fall: 15 credits

CIS 231 Problem Solving Using Spreadsheets
CIS 238 Internet Media and Programming
MGT 268 Business Processes and Management
 Information Systems
General Education Courses (Select 2)

4th Semester Winter: 15 credits

CIS 333 Database Management and Implementation
CIS 337 Network Systems Management
STA 216 Intermediate Applied Statistics
CIS 290 Professional Responsibilities and Practices
General Education Course

5th Semester Fall: 15-16 credits

CIS 331 Data Analysis Tools and Techniques
CIS 338 Wide Area Network Engineering
CIS 368 Usability Design and Evaluation
CIS 458 System Security
CIS Elective

6th Semester Winter: 16-17 credits

CIS 358 Information Assurance
CIS 437 Distributed Computing
CIS 373 Pervasive Computing
WRT 350 SWS Business Communication
CIS Elective

Spring/Summer Semester: 5-8 credits

CIS 490 Internship
General Education Course

7th Semester Fall: 15-17 credits

CIS 430 Computer and Cyber Forensics
CIS Elective
General Education Courses (Select 3)

8th Semester Winter: 13-16 credits

CIS 462 IT Project
CIS Electives (Select 2)
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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Major Notes

- 1) CIS 358 requires Junior-level standing and it also fulfills a General Education Issues requirement.

General Education

<u>Category</u>	<u>Completed?</u>	<u>Category</u>	<u>Completed?</u>	<u>Category</u>	<u>Completed?</u>
Physical Sciences		Mathematical Sciences		Global Perspectives	
Life Sciences		Social & Behavioral Sciences		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 Social and Behavioral Science course
- 2) Consider taking a course that fulfills the Global Perspectives category and one Issues course
- 3) Two Supplemental Writing Skills (SWS) courses are required for graduation. These can be fulfilled via other general education categories.

PCEC Advisors

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