Grand Valley State University
Seymour and Esther Padnos College of Engineering and Computing

Bachelor of Science (B.S.)

Computer Science

Honors College: MTH 201 Start, 4 Year Plan

Secondary Admission Required

2022 – 2023 Catalog Year

1st Year

Fall		Winter		Spring/Summer
MTH 201: Calculus I	4	*CIS 163: Computer Science 2	4	
*CIS 162: Computer Science I	4	*COM 201: Speech	3	
HNR 151: Interdisciplinary Sequence 1	3	*MTH 225: Discrete Structures: CS	3	
HNR 152: Interdisciplinary Sequence 2	3	HNR 153: Interdisciplinary Sequence 3	3	
		HNR 154: Interdisciplinary Sequence 4	3	
Total	**14**	**Total**	**16**	

2nd Year

Fall		Winter		Spring/Summer
*STA 215: Intro Applied Statistics	3	CIS 263: Data Structures and Algorithms	3	
MTH 325: Discrete Structures: CS 2	3	CIS 351: Computer Org and Assembly Lang	4	
CIS 241: System Level Program and Utilities	3	CIS 290: Prof Responsibilities & Practices	3	
HNR 200: Campus and Comm Engagement	3	MTA/STA Elective	3	
HNR 201: Live Learn Lead	3			
APPLY FOR SECONDARY ADMISSION AFTER GRADES ARE POSTED IN BANNER				
Total	**15**	**Total**	**13**	

3rd Year ~ Admission Required

Fall		Winter		Spring/Summer	
CIS 350: Intro to Software Engineering	3	CIS 343: Structure of Programming Languages	3	CIS 490: Internship	2-5
CIS 353: Database	3	CIS 457: Data Communications	4		
Science Cognate	4	Science Cognate	4		
HNR 350: Integrative Seminar	3	CIS Elective	3		
Total	**13**	**Total**	**14**	**Total**	**2-5**

4th Year ~ Admission Required

Fall		Winter		Spring/Summer
CIS 452: Operating System Concepts	4	CIS 467: Computer Science Project	3	
CIS Elective	3	WRT 350: Business Communication	3	
Free Elective	3	CIS Elective	3	
Free Elective	3	Free Elective	3	
Free Elective	3	Free Elective	3	
Total	**16**	**Total**	**15**	

- This is a suggested curriculum guide that might not be applicable to every student
- Technical Core courses are required for secondary admission and are designated by an asterisk (*) on this guide
- Student must have a **minimum of 120 credits** to graduate, with **58 of the 120 credits** being from a senior level institution and the **final 30 of the 120 credits** completed at GVSU

Padnos College of Engineering and Computing ~ Student Services Office
B-3-241 Mackinac Hall and 101 Eberhard Center
(616) 331-6025 or online at www.gvsu.edu/pcec/advising

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√	Technical Core Requirements	√	Honors Requirements
	CIS 162		HNR 151
	CIS 163		HNR 152
	MTH 225		HNR 153
	STA 215 (or STA 312)		HNR 154
	COM 201		HNR 200
			HNR 201
			HNR 251 (fulfilled via CIS 353)
It is important to apply for secondary admission AFTER your grades for your ALL of your Technical Core Requirements are posted in Banner. You will not be able to register for any upper division course work that requires secondary admission until you've been admitted into your major. If you delay this process, it could impact your graduation timeline.			HNR 350
			HNR 401/499 (fulfilled via CIS 467)

Secondary Admission Requirements:

Detailed application and admission requirements available at https://www.cis.gvsu.edu/secondary-admission/

- ✓ Overall GPA of 2.5 or above in all Grand Valley State University course work.
- ✓ Completion of each course in the Information Systems Technical Core with a grade of C (2.0) or above. Technical Core courses are designated by an asterisk (*) on this guide.
- ✓ GPA of 2.5 or above in the Computer Science Technical Core course work.

Major Notes:

1.) MTH or STA: Please select one of the following courses: MTH 202, MTH 204, MTH 465, STA 216 or STA 418.
2.) Sci. Cognate: Students may choose from BIO 120, BIO 121, BMS 202, CHM 115, CHM 116, GEO 111, PHY 220, PHY 221, PHY 230 and PHY 231.
3.) CIS 490 can be taken as 2-5 credits. Students will work with CIS Internship Coordinator to determine the best amount of credits for them.

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 353 fulfills the HNR 251 requirement.
2) CIS 467 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.