

Bachelor of Science (B.S.)
Cybersecurity
Honors College: MTH 122 Start

2026 – 2027
Catalog Year

1st Year		
Fall MTH 122: College Algebra 3 CIS 258: Intro to Cybersecurity 3 COM 201: Speech 3 HNR 151: Interdisciplinary Sequence 1 3 HNR 152: Interdisciplinary Sequence 2 3 Total 15	Winter CIS 162: Computer Science 1 4 STA 215: Intro Applied Statistics 3 MTH 225: Discrete Structures: CS 3 HNR 153: Interdisciplinary Sequence 3 3 HNR 154: Interdisciplinary Sequence 4 3 Total 16	Summer
2nd Year		
Fall CIS 163: Computer Science 2 3 CIS 337: Network Systems Management 3 CIS 290: Professional Resp & Practices 3 CJ 315: Principles of Security 3 AI 201: Intro to AI 3 Total 15	Winter CYB 241: Linux and Python for Cybersecurity 3 CIS 350: Intro to Software Engineering 3 CYB 475: Wireless Network and Security 3 CIS 353: Database 3 HNR 300: Campus and Community Engagement 3 Total 15	Summer
3rd Year		
Fall CIS 331: Data Analysis Tools & Technology 3 HNR Elective 3 CIS 358: Information Assurance 3 CIS 458: System Security 3 Free Elective 3 Total 15	Winter CJ 335: Digital Crime, Media and Culture 3 CIS 437: Distributed Computing 4 CYB 456: Reverse EGR and Malware Analysis 3 CYB 455: Applied Cryptography 3 Total 13	Summer CIS 490: Internship 2-5 Total 2-5
4th Year		
Fall CIS 418: Secure Software Engineering 3 CIS 430: Computer and Cyber Forensics 3 Cybersecurity Elective 3 WRT 350: Business Communication (SWS) 3 Free Elective 3 Total 15	Winter CIS 468: Cybersecurity Project 3 Cybersecurity Elective 3-4 HNR 350: Integrative Seminar 3 Free Elective 3 Total 12-13	Summer

- This is a suggested curriculum guide that might not be applicable to every student
- This suggested course sequence is intended as a general guide and may need to be adjusted based on course availability
- Student must have a **minimum of 120 credits** to graduate, with **58 of the 120 credits** being from a senior level institution and **18 of the final 30 credits** completed at GVSU

Honors Requirements	
HNR 151	HNR 152
HNR 153	HNR 154
HNR 300	HNR Elective: HNR 250 or 351
HNR 251 (fulfilled via CIS 331)	HNR 350
HNR 401/499 (fulfilled via CIS 468)	

Major Notes:

- 1) CIS 490 can be taken as 2-5 credits. Students will work with the Computing Internship Coordinator to determine the best amount of credits for them.

Honors:

The Frederik Meijer Honors College and the College of Computing have approved the following substitutions for the honors curriculum:

- 1) CIS 331 fulfills the HNR 251 requirement.
- 2) CIS 468 fulfills the HNR 401 and HNR 499 requirements.
- 3) All GVSU students must earn credit for two Supplemental Writing Skills (SWS) courses. Honors students can earn credit for one SWS course by completing HNR 154 (the winter semester of a first-year sequence) with a grade of C or better. They must earn their second SWS course credit outside of the Honors 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 300 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.