**2024 – 2025**

**Catalog Year**

Master of Science (M.S.)

**Cybersecurity**

**Master’s Thesis; Fall Start**



**Name: G Number:**

**Advisor** Dr. Samah Mansour

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| **1st Year** |
| **Fall**CIS 500: Fundamentals of Software PracticeCIS 615: Information Security PrinciplesCIS 616: Data Security and Privacy**Total** | 333**9** | **Winter**CIS 555: Applied CryptographyCIS 617: Digital Forensics and InvestigationsCIS 654: Computer Networking**Total** | 333**9** |
| **2nd Year** |
| **Fall**CIS 518: Secure Software EngineeringCIS 619: Data Analytics for CybersecurityCIS 690: Thesis Research Preparation**Total** | 333**9** | **Winter**CIS 553: Ethical HackingCIS 695: Master’s Thesis**Total** | 33**6** |

**List of Approved Electives:**

CIS 635: Knowledge Discovery

CIS 655: Cloud Applications Development

CIS 656: Distributed Systems

CIS 677: High-Performance Computing

CIS 678: Machine Learning

* This is a suggested curriculum guide that might not be applicable to every student.
* Students must have 33 credits to graduate, with a minimum of 24 credits taken at GVSU.
* Students must maintain a 3.0 GPA to graduate.
* All electives must be approved by the graduate program director.

**Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**GPD Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_**