

Master of Science (M.S.)
Software Engineering
Master's Thesis; Winter Start

**2026 – 2027
 Catalog Year**

1st Year			
Winter		Fall	
SE 512: Requirements Specification	3	SE 511: Intro to Software Engineering	3
Third core course	3	Track course 1	3
Fourth core course	3	Track course 2	3
Total	9	Total	9
2nd Year			
Winter		Fall	
CIS 690: Thesis Research Preparation	3	CIS 695: Master's Thesis	3
Track course 3	3	Elective	3
Track course 4	3		
Total	9	Total	6

- 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.
 - Prerequisites do not count towards the 33 credits.
- Students must maintain a 3.0 GPA to graduate.
- Elective must be approved by Graduate Program Director.

Admission Requirements
Grade point average of 3.0 from undergraduate work
Resume detailing work experiences and accomplishments
Personal statement of career goals and background experiences, including an explanation of how this program will help achieve educational and professional objectives
Recommendations: Two professional or academic recommendations received online, addressing the candidate's potential for graduate study completion. You will provide the emails of two references in your account at www.gvsu.edu/gradapply , and they will be sent a link to fill out their online recommendation.
Programming language knowledge, preferably Python (Computing Academy courses will be required to make up the deficit)