

Winter

Name: _____

CIS 661: Introduction to Health and Bioinformatics

Master of Science (M.S.)

Health Informatics and Bioinformatics

2025 – 2026 Catalog Year

3

G Number: _____

CIS 635: Knowledge Discovery and Data Mining

Bioinformatics Concentration (Winter Start)

1st Year

Fall

CMB 610: Foundations of Biotechnology	3	CIS 660: Data Engineering	3
or CMB 501: Scientific Communication		STA 622: Statistical Methods for Biologists	3
PSM 650: Ethics & Professionalism in Applied Science	3		
Total	9	Total	9
Total		d Year	, J
Winter		Fall	T
CIS 671: Information Visualization	3	CIS 678: Machine Learning	3
CIS 691: Medical and Bioinformatics Capstone	3	PSM 662: Seminar in Professional Science Practice	2
Bioinformatics Elective	3	PSM 691: Internship	4
Total	9	Total	9
1000		1	
 CMB 552: Computer Modeling and Drug Design CMB 560: Genomics and Molecular Diagnostics This is a suggested curriculum guide that might Students must have 36 credits to graduate, with Students must maintain a 3.0 GPA to graduate. 		• • •	
Admissi	on l	Requirements	
irade point average of 3.0 from undergraduate work	Κ	•	
Resume detailing work experiences and accomplishme	ents		
Personal statement of career goals and background e	expe	riences, including an explanation of how this program v	vill
elp achieve educational and professional objectives.			
·		mendations received online, addressing the candidate's	
ootential for graduate study completion. You will provi		•	
t www.gvsu.edu/gradapply, and they will be sent a lin	k to	fill out their online recommendation.	
Programming language knowledge			
Applied statistics knowledge			
Student Signature		Date	
GPD Signature		Date	