

CoC GVSU Courses	GVSU Programs	ESPRIT Courses	Business Intelligence Courses
CIS 611/SE 511 Introduction to Software Engineering	ACS, AI, HCC, SE		Software Engineering
CIS 622/SE 522 Software Design Methodologies	ACS, HCC, SE		Object-Oriented Modeling and Programming
CIS 635 Knowledge Discovery & Data Mining	ACS, AI, DSA, HIB, SE	Data analysis & decision making Data Mining	
CIS 641 Systems Analysis and Design	ACS, AI, SE	Information systems architecture Information systems management Information systems fundamentals	Project Management and Steering
CIS 642 IS Project Management	ACS	Project management & change management Project management: Technical foundation	
CIS 643 Information Systems Policy and Strategy	ACS	Strategic management & digital transition	
CIS 654 Computer Networking	ACS, AI, CYB, SE		IP Network and Routing
CIS 655 Cloud Applications Development	AI, SE	Introduction to Cloud Computing	
CIS 657 Mobile Application Development	ACS, HCC, SE		Mobile Device Programming
CIS 658 Web Architectures	ACS, SE	Web development	Web 2.0 Technology
CIS 660 Data Engineering	ACS, DSA, HIB, SE	Big Data/Introduction to Big Data Databases Database Management System	
CIS 671 Information Visualization	ACS, AI, DSA, HCC, HIB, SE	Business Intelligence (Informatique Décisionnelle)	
CIS 673 Principle of Database Design	ACS	Databases Database management system Data base	
CIS 678 Machine Learning	ACS, AI, DSA, HCC, HIB, SE	Machine learning tools Machine Learning	
PSM 650 Ethics & Professionalism in Applied Science	DSA, HIB	Professional efficiency & Personal skills	
STA 518 Statistical Computing and Graphics with R	DSA	Statistical Analysis Inferential statistics	
STA 526 Multivariate Data Analysis	DSA	Time Series and Quality Control	