

<b>ESPRIT Courses</b>	<b>CoC GVSU Courses</b>	<b>GVSU Programs</b>
AI for Embedded Systems	AI 541 Edge AI	AI, SE
Big Data Analytics	SE 536 Data Analytics in Software Engineering	SE
Big Data Analytics Data analysis & decision making Data Mining	CIS 635 Knowledge Discovery & Data Mining	ACS, AI, DSA, HIB, SE
Big Data/Introduction to Big Data Databases Database Management System	CIS 660 Data Engineering	ACS, DSA, HIB, SE
Business Intelligence (Informatique Décisionnelle)	CIS 671 Information Visualization	ACS, AI, DSA, HCC, HIB, SE
Communication, Culture, and Citizenship (Communication, Culture, et Citoyennete) Professional efficiency & Personal skills Personal and Interpersonal Skills (Compétences Personnelles et Relationnelles)	PSM 650 Ethics & Professionalism in Applied Science	DSA, HIB
Computer Security	CIS 615 Information Security Principles	
Computer-Vision & M-Vision	AI 521 Applied Computer Vision	AI, HCC
Databases (Bases de Données) Database management system (Sys. De Gestion de Bases de Données) Data base	CIS 673 Principle of Database Design	ACS
DEVOPS Software Construction and Delivery	SE 530 Software Construction and Delivery	AI, SE
Intellectual property rights (Droit de la propriété intellectuelle) Final Year Project (Project de Fin d'Etudes)	PSM 662 Seminar in Professional Science Practice	DSA, HIB
Information systems architecture Information systems management Information systems fundamentals Project Management and Steering	CIS 641 Systems Analysis and Design	ACS, AI, SE
Introduction to Cloud Computing	CIS 655 Cloud Applications Development	AI, SE
Introduction to Software Engineering Software Engineering (Génie logiciel)	SE 511 Introduction to Software Engineering (CIS 611)	ACS, AI, HCC, SE
IP Network and Routing (Réseau IP et routage)	CIS 654 Computer Networking	ACS, AI, CYB, SE
Machine learning tools Machine Learning	CIS 678 Machine Learning	ACS, AI, DSA, HCC, HIB, SE
Microcontroller architecture (Architecture des microcontrôleurs)	CIS 672 Computer Systems Architecture	ACS

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Mobile Development (Programmation des terminaux mobiles) Mobile Device Programming Mobile Software Engineering	CIS 657 Mobile Application Development	ACS, HCC, SE
Natural Language Processing	AI 531 Natural Language Processing	AI, HCC, SE
Object-Oriented Modeling and Programming (Modélisation et Programmation Objet)	SE 522 Software Design Methodologies (CIS 622)	ACS, HCC, SE
Project management & change management Project management: Technical foundation	CIS 642 IS Project Management	ACS
Software Testing and Validation	SE 513 Software Testing (CIS 613)	ACS, AI, SE
Statistical Analysis (Analyse Statistique) Inferential statistics	STA 631 Statistical Modeling I	DSA
Statistics (Statistiques)	STA 518 Statistical Computing and Graphics with R	DSA
Strategic management & digital transition	CIS 643 Information Systems Policy and Strategy	ACS
Time Series and Quality Control (Séries Temporelles et Contrôle Qualité)	STA 632 Statistical Modeling II	DSA
Web 2.0 Technology (Technologies Web 2.0) Web development	CIS 658 Web Architectures	ACS, SE