

List of the courses on offer for exchange students
Spring semester 2024

				ECTS
SRIFLES2	Français langue étrangère : cours extensif du 29 janvier 2024 au 12 avril 2024	French Foreign language : from 29/01/2024 to 12/04/2024		1,5

Engineer student Bachelor's program - Semester 6

Semester 6				
All Courses are taught in French				
Code	Titre du cours	Title	Taught in	ECTS
3GUC1801	Mesure des performances et décisions	Performances and decisions - 3GUC1801	French	3
3GUC1701	Qualité et outils de l'amélioration continue	Quality and continuous improvement tools - 3GUC1701	French	3
3GUC1400	Ingénierie système : réalisation	System Engineering : Implementation - 3GUC1400	French	6
3GUC0905	Mathématiques et informatique décisionnelles	Mathematics and Computer Science for Decision Support - 3GUC0905	French	6
3GUC1005	Organisations industrielles	Industrial Management - 3GUC1005	French	6

Engineer student Master's Program - Semester 8

Semester 8				
All Courses are taught in French except (*)				
Code	Titre du cours	Title	Taught in	ECTS
4GUL0709	Gestion de la chaîne logistique	Inventory Management - 4GUL0709	French	6
4GUL1401	Etude de terrain et communication professionnelle	Industrial Field Study	French	9
4GUP1701	UE Représentation de Produits 2	Product Models 2	French	3
4GUP1801	UE Techniques de bureau d'études 2	Design Technics 2	French	3
4GUP1901	Projet de Développement de Produits 2 -	Product Development Project 2	French	6
4GMC1245	Activités physiques et sportives - Semestre 8	Sport - 4GMC1245	French	1
4GUC00E5	UE Travaux d'études et de recherche	Research Project - 4GUC00E5	French	3
4GUC10G9	UE Parcours Création d'Entreprise	Entrepreneurship program - 4GUC10G9	French	3
4GUC1901	UE Projet d'innovation	Innovation Project - 4GUC1901	French	3
Option 1 (1 choix parmi la liste) /Choose only one course from the list				
4GUL12B3	UE Algorithmes d'Aide à la Décision	Decision Support Algorithms	French	3
4GUL09A5	UE Coopération dans la chaîne logistique	Firms Cooperation in Supply Chain : Theories and Practices - 4GUL09A5	French	3
4GUL10B5	UE Production Systems Performance Evaluation	Production Systems Performance Evaluation - 4GUL10B5	English	3
4GUL12A1	UE Plateforme logistique pour l'e-commerce	Logistics platforms for e-commerce - 4GUL12A1	French	3
Option 2 : Marketing + Choose another course from the list				
4GMC0512	Marketing	Marketing - 4GMC0512	French	1,5
4GMC16C1	Economie des données et du numérique	Data and digital economy - 4GMC16C1	French	1,5
4GMC16B1	Information, Valeur, Prix	Customer Information, Value & Pricing - 4GMC16B1	French	1,5
4GMC16A1	Sociologie des usages et de la personnalisation	4GMC16A1	French	1,5
Option 3 (1 choix parmi la liste) /Choose only one course from the list				
4GMP20A1	UE Analyse et Simulation de Produits	Product Analysis and Simulation - 4GMP20A1	French	6
4GMP20B1	UE Fabrication Hybride	UE Hybrid Manufacturing - 4GMP20B1	French	6
Option 4 (1 choix parmi la liste) /Choose only one course from the list				
4GUL10A5	UE Analyse de données pour les métiers du génie ind	Data Analysis for Industrial Engineering - 4GUL10A5	French	3
4GUL11A5	UE Biotechnologie	Biotechnology - 4GUL11A5	French	3
4GUC00A5	UE Ergonomie de conception : usage et situations de	Ergonomic Design : Use and Work Situations - 4GUC00A5	French	3
4GUC00C5	UE Industrialisation : de l'usine au poste	Industrialization : from Plant to Workstation - 4GUC00C5	French	3
4GUC11C2	UE Model based Systems Engineering	UE Systems Engineering - 4GUC11C7	English	3

Courses from Master SIE (*)

(*) Only a few spots on offer for exchange students

WGMS7028	Industrial Economics	<i>taught in English</i>	3
WGUS3012	Sustainable design and innovation	<i>taught in English</i>	3
WGUS3022	UE Project on Data Analytics for Manufacturing	<i>taught in English</i>	3
WGUS8042	Discrete Event Simulation and Optimization	<i>taught in English</i>	6
WGUS1044	Production and Operations Management	<i>taught in English</i>	3
WGUS2071	UE Inventive problem solving, bio inspired innova	<i>taught in English</i>	3

FULL PROGRAM TAUGHT IN ENGLISH

International semester project : RESPONSIBLE DESIGN			
Code		English Speaking	ECTS
SI	<p>"Responsible-Design@Grenoble" is an international semester project where future engineering designers face the challenge of considering the lifelong impact of products and processes in their day-to-day practices.</p> <p>This semester allows students to experience Responsible Design through an international innovative project in collaboration with industry partners or applied research laboratories, and attend seminars on the key themes of production systems and 4.0 industry.</p> <p>International student teams have to design innovative concepts of responsible products to tackle current and important challenges. Teams carry out projects all the way from defining design requirements to constructing numerical and functional prototypes ready for technical evaluation. They also have to define business plans for their innovative products.</p> <p>Program: https://genie-industriel.grenoble-inp.fr/en/international/international-semester-in-responsible-design#page-presentation</p>		30
	<p>NB : This program is a complete semester that is not compatible with other classes. skills and knowledge acquisition are evaluated through project deliverables and oral presentation.</p>		

The program is open to students that have a solid academic background in engineering: 1st Year of Master's degree of

