

COMING AS AN EXCHANGE OR DOUBLE DIPLOMA STUDENT AT ENSE3

Thank you for choosing Ense3! In this document, you will find important information to prepare your application at Ense3:

FOR EXCHANGE AND DOUBLE-DIPLOMA STUDENTS

- PAGE 1 and 2: general information (academic dates, language requirement etc.)

FOR EXCHANGE STUDENTS ONLY - Double diploma students should follow instructions [here](#) to make their choice of course.

- PAGE 3 and 4: instructions on how to make your choice of courses
- PAGE 5 and 6: the list of courses available to exchange students. You can click on each course to see a description, prerequisites, volume of hours etc. **This list is indicative only. It might change.**
- PAGE 7 and 8: an empty timetable to fill in yourself, to help you have an overview of your courses

Please read this document carefully and do not hesitate to contact us at international.ense3@grenoble-inp.fr.

ACADEMIC DATES 2022-2023 – TO BE CONFIRMED

AUTUMN SEMESTER

	Welcome meeting	FLE (French) intensive week	Start of courses	Start of sports courses	End of courses	Exams week	End of semester
1 st year	26/08/2022	w/c ¹ 29/08/2022	5/09/2022	tbc	13/01/2023	w/c 16/01/2023	20/01/2023
2 nd year			12/09/2022		20/01/2023	w/c 23/01/2023	27/01/2023
3 rd year			19/09/2022				

- Holidays:

All saints holidays: 31/10/2022 to 4/11/2022

Christmas holidays: 17/12/2022 to 02/01/2023

- Bank holidays:

01/11/2022 11/11/2022 25/12/2022 01/01/2023

SPRING SEMESTER

	Welcome meeting	Start of courses	Start of sport courses	End of courses	Exams week	End of semester
1 st year	tbc	23/01/2023	tbc	26/05/2023	w/c 29/05/2023	2/06/2023
2 nd year		30/01/2023		2/06/2023	w/c 5/06/2023	9/06/2023

- Holidays:

Winter holidays: 18/02/2023 to 26/02/2023

Spring holidays 15/04/2023 to 23/04/2023

- Bank holidays:

10/04/2023 01/05/2023 08/05/2023 18/05/2023 29/05/2023

ACCOMMODATION

Grenoble INP offers priority housing in student's residence for international students.

When you will submit your application to Grenoble INP, you will receive an e-mail with a link to apply for housing.

Accommodations are allocated by mid-July for students applying for the autumn semester or the full year and one month before your arrival in Grenoble for students applying for the spring semester.

Accommodations prices vary from about €200 to €500 per month, for options ranging from 9m² bedrooms to studios, including bedrooms in shared apartments.

You can also get general information about housing [on ISSO \(International Student and Scholars Office\) website](#).

¹ w/c = week commencing

ATTENDANCE

At Ense3, attendance to all academic activities (lectures, exercises sessions, projects, internships, visits etc.) is mandatory. All absences should be justified. Thursday afternoons are usually free of academic activities.

LANGUAGE REQUIREMENTS

For classes taught in French, a minimum B1 level in French is required.

For classes taught in English, a minimum B1 level in English is required.

This means that if you take courses both in English and in French, you must hold a minimum B1 level in both languages.

FRENCH AS A FOREIGN LANGUAGE (FLE)

Students can attend [French classes](#) free of charge. There is:

- an intensive session (20 hours over a week) before the beginning of the autumn semester

-two extensive sessions (2 hours / week over 10 weeks) during the autumn and the spring semester.

These classes are included in the list of courses. You must include them in your choice of courses/ learning agreement.

SPORT

You can enroll into [a university sport](#), free of charge, for academic purposes or for leisure

- For academic purposes: sport must be included into your choice of courses/learning agreement. You will get a grade.
- For leisure: sport will not be included into your choice of courses. You will not get a grade.

BUDDY SYSTEM

At Ense3, you can enroll into a buddy system. Buddies are a tandem of two students, one local student (a mentor) and one international student. Your buddy can guide you all along your campus life in France by helping you discover the city, meet new people, blend to the local culture etc. After your application, you will get an e-mail with a link to register to our buddy system.

DOUBLE-DIPLOMA STUDENTS

If you are applying as a double diploma student, **stop reading this document here!** You will find information on how to choose your courses [here](#) (the process is different from exchange students).

INSTRUCTIONS TO MAKE YOUR CHOICE OF COURSES – Exchange students only

MAKE YOUR CHOICE OF PROGRAM AND SEMESTER

You must choose between six programs:

- ASI: Automatique et Systèmes Intelligents / Automatic control and Intelligent Systems
- HOE : Hydraulique Ouvrages et Environnement / Hydraulics, Civil & Environmental Engineering
- IEE : Ingénierie de l'Energie Electrique / Electrical Power Engineering
- IEN : Ingénierie de l'Énergie Nucléaire / Nuclear energy engineering
- ME : Mécanique et Energétique / Mechanical & Energy Engineering
- SEM : Systèmes Energétiques et Marché / Energy systems and associated markets

And you must choose your courses from:

- 2nd year level: semester 7 (autumn) and/or semester 8 (spring)
- 3rd year level: semester 9 (autumn). There are no courses available during semester 9 (spring) because students are doing an internship.

It is exceptionally possible for some students to come at 1st year level (exclusively taught in French). Contact us at international.ense3@grenoble-inp.fr if you consider this option.

You can choose a different year and a different program for each semester (example, IEE- 3rd year for the autumn semester and SEM-2nd year for the spring semester).

As we are aware that your choice of courses might be constrained by regulations from your home university, timetable and language issues, we might allow you to pick two courses MAXIMUM from another semester/program.

Your choice of courses must include a minimum of 15 ECTS related to engineering and a maximum of 32 ECTS.

COURSE SCHEDULE

For each program:

- each course that belongs to the program has half a day dedicated to lectures
- one or several half-days are dedicated to practical sessions for all courses : there is a rotation each week

Consequently, you need to take into account the fact that you when you choose a course, you will be busy with the course on the half-day reserved for the lecture + on the half-day(s) reserved for the practical sessions.

Reminder: mixing different programs and/or semesters is not recommended. We might allow you, exceptionally, to pick two courses MAXIMUM from another semester/program.

EXAMPLE

2nd year - SEMESTER 7

COURSE NAME - CODE	ECTS	LANGUAGE	Practical sessions	Lectures
ASI - Automatique et Systèmes Intelligents Automatic control and Intelligent Systems				
Mécatronique - 4EU3ME16		FR		Monday PM
Automatique 1 - 4EU3AUT	5	FR	Monday AM + Thursday AM +	Tuesday PM
Electronique et signaux numériques - 4EU3ESN	5	FR		Wednesday AM
IT Tools and Optimization - 4EU3ITO	5	EN		Wednesday PM
Conception de systèmes à événements discrets complexes - 4EU3SCE	5	FR		Friday PM
Diagnostic Financier et Marketing - 4EM3DFM7	2	FR		Tuesday AM1
Module d'accompagnement professionnel - 4EM3MAP6	0,5	FR		Tuesday AM2
English for your Career - 4EM3ENG6	1,5	EN B1 minimum		Tuesday AM3

If I choose the course Mécatronique, I will have practical sessions on certain weeks on Monday AM + Thursday AM and lectures every week on Monday PM.

I will not be able to choose any other course that has practical sessions on those days, except the courses in the same program and same semester (semester 7 – ASI).

AUTUMN SEMESTER				
	COURSE	PROGRAM	SEMESTER N°	ECTS
Monday AM	<i>Practical sessions ASI S7</i>	ASI	7	
Monday PM	Mécatronique 4EUS3ME16	ASI	7	5
Tuesday AM	Diagnostic financier et marketing - 4EM3DFM7	ASI	7	2
	Module d'accompagnement professionnel – 4EM3MAP6	ASI	7	0,5
	English for your career – 4EM3ENG6	ASI	7	1,5
Tuesday PM	<u>Auomatique 1</u> - 4EUS3AUT	ASI	7	5
Tuesday Evening				
Wednesday AM	Electronique et signaux numériques – 4EUS3ESN	ASI	7	5
Wednesday PM	IT Tools and <u>Optimization</u> – 4EUS3ITO	ASI	7	5
Thursday AM	<i>Practical Sessions ASI S7</i>	ASI	7	
Thursday PM	USUALLY FREE			
Friday AM	Mobile <u>Robotics</u> – WEUMROB0	ASI	9	5
Friday PM	<i>Practical sessions – ASI S9</i>		9	
			TOTAL ECTS	29

I have chosen the semester 7-ASI program. I will have practical sessions on Monday AM and Thursday AM for all my semester 7 -ASI courses + lectures on different days for each course.

I exceptionally picked a course from the semester 9 – ASI PROGRAM (mobile robotics), which seems to fit in the timetable. The practical sessions for semester 9 – ASI courses are on Friday PM and I am free.

I am aware that this timetable is indicative and that I might have to change my choice of courses

WHAT IS AM1, AM2, PM1, PM2 etc?

This means that the morning or afternoon is divided into two or three period. Thus, you can take a course that take place on AM1 and AM2 but you cannot take two courses that take place on AM1 because they will be at the same time.

**COURSES AVAILABLE TO EXCHANGE STUDENTS
AUTUMN SEMESTER**

This list is indicative only: it might change

2nd year - SEMESTER 7

COURSE NAME - CODE	ECTS	LANGUAGE	Practical sessions	Lectures
ASI - Automatique et Systèmes Intelligent Automatic control and Intelligent Systems				
Mécatronique - 4EU3ME16	5	FR	Monday AM + Thursday AM +	Monday PM
Automatique 1 - 4EU3AUT	5	FR		Tuesday PM
Electronique et signaux numériques - 4EU3ESN	5	FR		Wednesday AM
IT Tools and Optimization - 4EU3ITO	5	EN		Wednesday PM
Conception de systèmes à événements discrets complexes - 4EU3SCE	5	FR		Friday PM
Diagnostic Financier et Marketing - 4EM3DFM7	2	FR		Tuesday AM1
Module d'accompagnement professionnel - 4EM3MAP6	0,5	FR		Tuesday AM2
English for your Career - 4EM3ENG6	1,5	EN B1 minimum		Tuesday AM3

HOE - Hydraulique Ouvrages et Environnement Hydraulics, Civil & Environmental Engineering				
Numerical Methods - 4EU3MN	5	FR	Monday AM + Tuesday AM +	Monday PM
Ingénierie des aménagements hydrauliques 1 - 4EU3IH1	5	FR		Wednesday AM
Engineering Hydrology - 4EU3HYI	5	EN		Wednesday PM
Hydraulique des écoulements en charge - 4EU3HEC	5	FR		Thursday AM
Mécanique des fluides pour l'environnement (HOE-REA) - 4EU3MFE	5	FR		Friday PM
Materials and Structures (HOE-GHO) - 4EU3MS	5	EN		Friday PM
English for your Career - 4EM3ENG6	1,5	EN B1 minimum		Tuesday PM1
Diagnostic Financier et Marketing - 4EM3DFM7	2	FR		Tuesday PM2
Module d'accompagnement professionnel - 4EM3MAP6	0,5	FR		Tuesday PM3

IEE - Ingénierie de l'Energie électrique Electrical Power Engineering				
Computer Sciences - 4EU3MON	5	EN / FR	Wednesday AM + Thursday AM +	Monday AM
Power Electronics I - Introduction - 4EU3ELP	5	FR		Monday PM
Energy Conversion I - Matériaux - 4EU3MAG	5	FR		Tuesday PM
Electronique numérique et systèmes embarqués - 4EU7ENS9	5	FR		Wednesday PM
Power Systems I - Réseaux et usages - 4EU3ATRE	5	FR		Friday PM
Diagnostic Financier et Marketing - 4EM3DFM7	2	FR		Tuesday AM1
Module d'accompagnement professionnel - 4EM3MAP6	0,5	FR		Tuesday AM2
English for your Career - 4EM3ENG6	1,5	EN B1 minimum		Tuesday AM3

IEN - Ingénierie de l'Energie nucléaire Nuclear energy engineering				
Modélisation et analyse d'écoulements 1 - 4EU3MA1	5	FR	Monday AM + Thursday AM +	Monday PM
Modélisation en mécanique - 4EU3MEM	5	FR		Wednesday AM
Physique nucléaire - 4EU31NU	5	FR		Wednesday PM
Génie électrique - réseaux - 4EU3GEN	5	FR		Tuesday PM
Automatique pour l'ingénieur - 4EU3AIN	5	FR		Friday PM
English for your Career - 4EM3ENG6	1,5	EN B1 minimum		Tuesday AM1
Diagnostic Financier et Marketing - 4EM3DFM7	2	FR		Tuesday AM2
Module d'accompagnement professionnel - 4EM3MAP6	0,5	FR		Tuesday AM3

ME - Mécanique et Energétique Mechanical & Energy Engineering				
Simulation pour les fluides et la thermique 1 - 4EU3SF1	5	FR	Tuesday PM + Friday PM +	Monday AM
Modélisation et analyse d'écoulements 1 - 4EU3MA1	5	FR		Monday PM
Modélisation en mécanique - 4EU3MEM	5	FR		Wednesday AM
Conception mécanique - 4EU3CME	5	FR		Wednesday PM
Hydraulique des écoulements en charge - 4EU3HEC	5	FR		Thursday AM
English for your Career - 4EM3ENG6	1,5	EN B1 minimum		Tuesday AM1
Diagnostic Financier et Marketing - 4EM3DFM7	2	FR		Tuesday AM2
Module d'accompagnement professionnel - 4EM3MAP6	0,5	FR		Tuesday AM3

SEM - Systèmes Energetiques et Marchés Energy systems and associated markets				
Design and Control of Dynamic Systems - 4EU3CCS	5	EN	Monday AM + Tuesday AM +	Monday PM
Hydraulique et transferts - 4EU3HQT	5	FR		Wednesday AM
Computer Sciences - 4EU3MON	5	EN / FR		Wednesday PM
Modelling, Design and Dispatch of Smart Power Systems - 4EU3MDD7	5	EN / FR		Thursday AM
Energy economics/Economie & smart energy - 4EU3EE3	5	EN		Friday PM
English for your Career - 4EM3ENG6	1,5	EN B1 minimum		Tuesday PM1
Diagnostic Financier et Marketing - 4EM3DFM7	2	FR		Tuesday PM2
Module d'accompagnement professionnel - 4EM3MAP6	0,5	FR		Tuesday PM3

Commun à toutes les filières Common to all programs				
Projet numérique - Digital Technology Project - 4EU7PNPO	5	tbc		tbc
Sport - 4EM3APS6	1	FR		depends on the sport
French as a foreign Language (FLE) intensive - UEMFSIF	1,5	FR		intensive week
French as a foreign language (FLE) extensive - UEMFS1	1,5	FR		evenings

3r year - SEMESTER 9

COURSE NAME - CODE	ECTS	LANGUAGE	Practical sessions	Lectures	
ASI - Automatique et Systèmes Intelligent Automatic control and Intelligent Systems					
Artificial Intelligence and Autonomous Systems - WEUMAIAD	5	EN	Friday PM +	Monday AM	
Robust Control of Mechatronic Systems - SEU9RCM0	5	EN		Monday PM	
Non Linear and Model Predictive Controls - SEU9NLM0	5	EN		Tuesday AM	
Projet intégrateur - SEUSSPI	5	FR		Tuesday PM + evening	
Supervision industrielle et systèmes d'information - SEUSSNTI	5	FR		Wednesday PM	
Systems Monitoring, Diagnostics and Reliability - SEUSSDR	5	EN		Thursday AM	
Mobile Robotics - WEUMROBO	5	EN		Friday AM	
Sciences du management et de l'entreprise - SEM5SME6	1,5	FR			Wednesday AM1
English and so much more - SEM5ENG6	1,5	EN B1 minimum			Wednesday AM2

HOE - Hydraulique Ouvrages et Environnement Hydraulics, Civil & Environmental Engineering				
Asset Management for Civil Engineering Works and Networks - SEUSSGPO	5	EN	Monday PM + Tuesday AM + Friday AM +	Monday AM
Hydraulique maritime et hydraulique urbaine - SEUSSHAM	5	FR		Monday AM
Mechanical Structure Design - SEUSSCMO	5	EN		Monday PM
River Dynamics - SEUSSDYF	5	EN		Tuesday PM + evening
Advanced Simulation Tools for Mechanics and the Environment - SEUSSOSA	5	EN		Wednesday PM
Ingénierie des aménagements hydrauliques 3 - SEUSSIAH	5	FR		Thursday AM
Water Quality and Treatment - SEUSSQTE	5	EN		Friday AM
Natural Hazards and Soil Improvements - SEUSSRNC	5	EN		Friday PM
Water Management in a Non Stationary Environment - SEUSWAT6	5	EN		Friday PM
Sciences du management et de l'entreprise - SEM5SME6	1,5	FR		
English and so much more - SEM5ENG6	1,5	EN B1 minimum		Wednesday AM2

IEE - Ingénierie de l'Energie électrique Electrical Power Engineering				
ICT for Smart Grids and Smart Cities - SEUSICT6	5	EN	Monday AM + Tuesday PM + evening + Wednesday PM +	Monday AM
Conversion d'énergie avancée - SEUSSCNE	5	FR		Monday PM
Power Electronics Project - SEU9PEP9	5	EN / FR		Tuesday AM
Ingénierie des projets électriques : composants et systèmes - SEUSSING	5	FR		Tuesday AM
Research Project - SEUSSPR1	5	EN		Tuesday AM
Modelling and Operation of Electrical Grids - SEUSSMFR	5	EN		Thursday AM
Structures avancées de convertisseurs statiques - SEUSSSAC	5	FR		Thursday AM
Systems Monitoring, Diagnostics and Reliability - SEUSSDR	5	EN		Thursday AM
Power Electronics Semiconductor Devices - SEU9PEP9	5	EN		Friday AM
Conception des dispositifs et systèmes électriques - SEUSSCDS	5	FR		Friday AM
Dimensionnement et protection des réseaux électriques - SEUSSDIM	5	FR	Friday AM	
Design Models for Power Electronics - SEU9DMP9	5	EN	Friday PM	
Microgrids, Smartgrids and Supergrids - SEUSSSMA	5	EN	Friday PM	
English and so much more - SEM5ENG6	1,5	EN B1 minimum		Wednesday AM1
Sciences du management et de l'entreprise - SEM5SME6	1,5	FR		Wednesday AM2

IEN - Ingénierie de l'Energie nucléaire Nuclear energy engineering				
Advanced Fluid Mechanics for Processes - SEUSSMFA	5	EN	Wednesday PM +	Monday AM
Advanced Heat Transfer and Energetics - SEUSADHT	5	EN		Monday PM
Modélisation avancée et durabilité des structures - SEUSSMAD	5	FR		Monday PM
Advanced Numerical Simulations - SEUSSSNA	5	EN		Tuesday AM
Cycles nucléaires - SEU9CN9	5	FR		Tuesday PM + evenings
Fonctionnement des installations nucléaires - SEU9FIN9	5	FR		Thursday AM
Supervision des installations - SEU9SDI9	5	FR		Friday AM
Water Quality and Treatment - SEUSSQTE	5	EN		Friday AM
Sûreté nucléaire en exploitation - SEUSSSUI	5	FR		Friday PM
English and so much more - SEM5ENG6	1,5	EN B1 minimum		
Sciences du management et de l'entreprise - SEM5SME6	1,5	FR		Wednesday AM2

ME - Mécanique et Energétique Mechanical & Energy Engineering				
Advanced Fluid Mechanics for Processes - SEUSSMFA	5	EN	Tuesday PM +	Monday AM
Advanced Heat Transfer and Energetics - SEUSADHT	5	EN		Monday PM
Modélisation avancée et durabilité des structures - SEUSSMAD	5	FR		Monday PM
Advanced Numerical Simulations - SEUSSSNA	5	EN		Tuesday AM
Hydraulic Machines and Hydroelectricity - SEUSSMHH	5	EN		Wednesday PM
Advanced Simulation Tools for Mechanics and the Environment - SEUSSOSA	5	EN		Wednesday PM
Research Courses - SEUSSRE	5	EN / FR		Thursday AM
Systèmes hydrauliques - SEUSSSYH	5	FR		Thursday AM
Advanced Project - SEU9AP8	5	EN / FR		Friday AM
Aerodynamics and Combustion - SEUSSAIE	5	EN		Friday PM
Sustainable Marine Energies - Fluid/Structure Interactions - SEUSSSEMR	5	EN	Friday PM	
English and so much more - SEM5ENG6	1,5	EN B1 minimum		Wednesday AM1
Sciences du management et de l'entreprise - SEM5SME6	1,5	FR		Wednesday AM2

SEM - Systèmes Energetiques et Marchés Energy systems and associated markets				
Energy Markets and New Energy Stakeholders - SEUSSIME	5	EN	Tuesday AM + Wednesday PM +	Monday AM
Smart Systems - SEU9SSY1	5	EN		Monday PM
Advanced Heat Transfer and Energetics - SEUSADHT	5	EN		Monday PM
Energies for Ecodistricts - SEU5DH7	5	EN		Tuesday PM and evenings
New Sustainable Technologies - SEUSSNTD	5	EN		Tuesday PM and evenings
Overall Multidisciplinary Project - SEUSSPRI	5	EN/FR		Thursday AM
Economie et société / Economy and Society - SEUSSSECS	5	EN / FR		Friday AM
Energy Management and Energy Efficiency of Buildings - SEUSSGEB	5	EN		Friday AM
Microgrids, Smartgrids and Supergrids - SEUSSSMA	5	EN		Friday PM
Sciences du management et de l'entreprise - SEM5SME6	1,5	FR		
English and so much more - SEM5ENG6	1,5	EN B1 minimum		Wednesday AM2

Commun à toutes les filières Common to all programs				
Machine Learning and Optimization - SEU9MLO0	5	EN		Wednesday PM
Sport - SEUSPORT	1	FR		depends on the sport
Module d'accompagnement professionnel - SEM5MAP6	0,5	FR		Wednesday AM1&2
Enjeux de l'ingénierie pour un projet de transition - SEM9REC9	1,5	FR		Wednesday AM1&2
French as a foreign Language (FLE) intensive - UEMFSIF	1,5	FR		Evenings
French as a foreign language (FLE) extensive - UEMFS1	1,5	FR		Evenings

COURSES AVAILABLE TO EXCHANGE STUDENTS SPRING SEMESTER

This list is indicative only: it might change

2nd year - SEMESTER 8

COURSE NAME - CODE	ECTS	LANGUAGE	Practical sessions	Lectures
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ASI - Automatique et Systèmes Intelligent

Automatic control and Intelligent Systems

Systèmes et traitements temps réel - 4EUS4STR	5	FR	Friday PM +	Monday AM
Traitement des signaux et des images - 4EUS4TSI	5	FR		Monday PM
Systèmes de communication pour l'automatique - 4EUS4SCA	5	FR		Tuesday PM
Automatique 2 - 4EUS4AUT	5	FR		Thursday AM
Parcours innovation - 4EM4INT7	2,5	FR		Tuesday AM1
Parcours management - 4EM4MAN7	2,5	FR		Tuesday AM1
English for your Career - 4EM4ENG6	1,5	EN B1 minimum		Tuesday AM2

HOE - Hydraulique Ouvrages et Environnement

Hydraulics, Civil & Environmental Engineering

Géo-environnement / Geo-environment - 4EUS4GEO	5	EN / FR	Tuesday AM +	Monday PM
Open Channel Hydraulics - 4EUS4HSL	5	EN		Monday AM
Ingénierie des aménagements hydrauliques 2 - 4EUS4IH2	5	FR		Friday PM
Etude intégrée des hydro-systèmes - 4EUS4ERS	5	FR		Thursday AM
Soil and Rock Mechanics - 4EUS4MSR	5	EN		Thursday AM
English for your Career - 4EM4ENG6	1,5	EN B1 minimum		Tuesday PM1
Parcours innovation - 4EM4INT7	2,5	FR		Tuesday PM2
Parcours management - 4EM4MAN7	2,5	FR		Tuesday PM2

IEE - Ingénierie de l'Energie électrique

Electrical Power Engineering

Power Systems II - Réseaux et composants - 4EUS4PST	5	FR	Friday PM +	Monday AM
Power Electronics II - Modélisation et contrôle - 4EUS4MDC	5	FR		Monday PM
Automatique pour l'ingénieur - 4EUS4AAT	5	FR		Tuesday AM
Energy Conversion II - Machines électriques - 4EUS4CME	5	FR		Thursday AM
English for your Career - 4EM4ENG6	1,5	EN B1 minimum		Tuesday PM1
Parcours innovation - 4EM4INT7	2,5	FR		Tuesday PM2
Parcours management - 4EM4MAN7	2,5	FR		Tuesday PM2

IEN - Ingénierie de l'Energie nucléaire

Nuclear energy engineering

Modélisation et analyse d'écoulements 2 - 4EUS4MA2	5	FR	Monday AM + Monday PM +	Monday PM
Structure et matériaux - 4EUS4STM	5	FR		Monday PM
Physique des réacteurs - 4EUS42NU	5	FR		Tuesday PM
Modélisation des composants énergétiques - 4EUS4CEN	5	FR		Thursday AM
Heat and Mass Transfers - 4EUS4HMT	5	EN		Friday PM
English for your Career - 4EM4ENG6	1,5	EN B1 minimum		Tuesday AM1
Parcours innovation - 4EM4INT7	2,5	FR		Tuesday AM2
Parcours management - 4EM4MAN7	2,5	FR		Tuesday AM2

ME - Mécanique et Energétique

Mechanical & Energy Engineering

Structure et matériaux - 4EUS4STM	5	FR	Tuesday PM +	Monday AM
Modélisation et analyse d'écoulements 2 - 4EUS4MA2	5	FR		Monday PM
Etude et contrôle des systèmes mécaniques - 4EUS4ECS	5	FR		Thursday AM
Simulation pour les fluides et la thermique 2 - 4EUS4SFT	5	FR		Thursday AM
Heat and Mass Transfers - 4EUS4HMT	5	EN		Friday PM
English for your Career - 4EM4ENG6	1,5	EN B1 minimum		Tuesday AM1
Parcours innovation - 4EM4INT7	2,5	FR		Tuesday AM2
Parcours management - 4EM4MAN7	2,5	FR		Tuesday AM2

SEM - Systèmes Energetiques et Marchés

Energy systems and associated markets

Smart Cities - 4EUS4HAT	5	EN	Tuesday AM +	Monday AM
Energy Conversion for Renewable - 4EUS4COE	5	EN / FR		Monday PM
Generation and Storage - 4EUS4PSJ	5	EN		Thursday AM
Heat and Mass Transfers - 4EUS4HMT	5	EN		Friday PM
Parcours innovation - 4EM4INT7	2,5	FR		Tuesday AM1
Parcours management - 4EM4MAN7	2,5	FR		Tuesday AM1
English for your Career - 4EM4ENG6	1,5	EN B1 minimum		Tuesday AM2

Commun à toutes les filières / Common to all programs

Team Project / Projet d'ingénierie - 4EUS4PRO	5	EN / FR		Wednesday AM+PM
Sport - 4EM4APS6	1	FR		Depends on the sport
Parcours création d'entreprise - 4EM4PCE8	2,5	FR		Friday AM
French as a foreign Language (FLE) extensive - UEMFS2	1,5	FR		Evenings

AUTUMN SEMESTER

	COURSE	PROGRAM	SEMESTER N°	ECTS
Monday AM				
Monday PM				
Tuesday AM				
Tuesday PM				
Tuesday Evening				
Wednesday AM				
Wednesday PM				
Thursday AM				
Thursday PM	USUALLY FREE			
Friday AM				
Friday PM				
			TOTAL ECTS	

SPRING SEMESTER

SPRING SEMESTER			
	COURSE	PROGRAM	ECTS
Monday AM			
Monday PM			
Tuesday AM			
Tuesday PM			
Wednesday AM			
Wednesday PM			
Thursday AM			
Thursday PM	USUALLY FREE		
Friday AM			
Friday PM			
		TOTAL ECTS	