JUNIA ISA

Programme Ingénieur ISA
Level MSc1
Specialisation Track agriculture EN
Start date semester Welcome session from 01/09/2025 - classes from 08/09/2025
End date semester 19/12/2025
Referent person Sophie DUPONT - Emie PERARD

Unité enseignement/ Teaching Unit	Nom Module / Course title	Crédits ECTS / ECTS credits	Semestre/ semester	Langue / Language
Welcome session	Climate fresk and intercultural communication	4	S7	**EN**
ISA Introduction courses	Scientific communication and data analysis	3	S7	EN
Projet S7	Introduction to project in agriculture	6	S7	EN
UEC1	Food chains	3	S7	EN
UEC2	Biocontrol (Crop Protection)	3	S7	EN
UEC3	Animal welfare	3	S7	EN
UEL1	Plant Biotechnologies	6	S7	EN
FLE	French as foreign language	2	S7	FR
		30		

Students are required to follow the whole track linked to their specialisation. You may add classes from another specialisation. It will based on Junia academic advisor approval and Timetable conflicts.

JUNIA ISA

Programme Msc
Level MSc1
Specialisation Track Environmental Science and pollution management
Start date semester Welcome session from 01/09/2025 - classes from 08/09/2025
End date semester 19/12/2025
Referent person Julien Castelin

Unité enseignement/ Teaching Unit	Nom Module / Course title	Crédits ECTS / ECTS credits	Semestre/ semester	Langue / Language
ISA Introduction courses	Scientific introduction courses	3	S7	EN
Projet S7	Environmental pollution	9	S7	EN
	Toxicology and Ecotoxicology	4	S7	EN
	Biostatistics applied to the environment	3	S7	EN
	Field project in environment	6	S7	EN
	Green transition and climate change	3	S7	EN
FLE	Français langue étrangère	2	S7	FR
		30		

Students are required to follow the whole track linked to their specialisation :
You cannot mix the Msc Environmental Science and pollution management with another specialisation from Junia.

JUNIA Grande école d'ingénieurs
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JUNIA ISA

Programme Ingénieur ISA
Level MSc1
Specialisation Track food sciences EN
Start date semester Welcome session from 01/09/2025 - classes from 08/09/2025
End date semester 19/12/2025
Referent person Sophie DUPONT - Emie PERARD

Unité enseignement/ Teaching Unit	Nom Module / Course title	Crédits ECTS / ECTS credits	Semestre/ semester	Langue / Language
Welcome session	Climate fresk and intercultural communication	4	S7	**EN**
ISA Introduction courses	Scientific communication and data analysis	3	S7	EN
Projet S7	On-boarding in Food Sciences	6	S7	EN
UEC1	Food chains	3	S7	EN
UEC2	Quality management and HACCP	3	S7	EN
UEC3	Bioprocess	3	S7	EN
UEL1	Unit Operations	6	S7	EN
FLE	French as foreign language	2	S7	FR
		30		

Students are required to follow the whole track linked to their specialisation. You may add classes from another specialisation. It will based on Junia academic advisor approval and Timetable conflicts.

JUNIA ISA

Programme	**Msc**
Level	**MSc1**
Specialisation Track	**Environmental Science and pollution management**
Start date semester	**05/01/2026**
End date semester	**19/05/2026**
Referent person	**Julien Castelin**

Unité enseignement/ Teaching Unit	Nom Module / Course title	Crédits ECTS / ECTS credits	Semestre/ semester	Langue / Language
	Waste water & drinking water treatment	6	S8	EN
	Sustainable water resource management	3	S8	EN
	Waste management and circular economy	2	S8	EN
	Soil science & contamination assessment	3	S8	EN
	GIS for environmental application	3	S8	EN
	Soil ecology	2	S8	EN
FLE	French as a Foreign Language	2	S8	FR
	Summer internship (3 to 4-month)*	(9)	S8	

* June-August : compulsory summer intership for degree seeking students

Students are required to follow the whole track linked to their specialisation :
You cannot mix the Msc Environmental Science and pollution management with another specialisation from Junia.

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JUNIA ISA

Programme **Ingénieur ISA**
Level **MSc1**
Specialisation Track **Agriculture EN**
Start date semester 05/01/26
End date semester 19/05/26
Referent person **Sophie DUPONT - Emie PERARD**

Unité enseignement/ Teaching Unit	Nom Module / Course title	Crédits ECTS / ECTS credits	Semestre/ semester	Langue / Language
UEC4	Precision livestock farming	3	S2	EN
UEC5	Agriculture and climate change	3	S2	EN
Projet S8	Project in agriculture	6	S2	EN
UEC6	Livestock housing and building conception	3	S2	EN
UEC7	Plant Breeding and Genetics	3	S2	EN
UEL2	Livestock production systems	6	S2	EN
FLE	French as foreign language	2	S2	FR
Thematic week / Semaine thématique*	Geopolitics or intercultural communication	3*	S2*	FR or EN **
Professionnal project (career center)*	Conferences and workshops about internships and companies	1*	S2*	EN*

* only if 30 credits needed
* only if 30 credits needed

**Students can choose to follow the workshop in English or in French

JUNIA Grande école d'ingénieurs
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JUNIA ISA

Programme	**Ingénieur ISA**
Level	**MSc1**
Specialisation Track	**Business EN**
Start date semester	05/01/26
End date semester	19/05/26
Referent person	**Sophie DUPONT - Emie PERARD**

Unité enseignement/ Teaching Unit	Nom Module / Course title	Crédits ECTS / ECTS credits	Semestre/ semester	Langue / Language
UEC4	**Financement de l'innovation**	**3**	**S2**	**FR**
UEC5	**Stratégie d'entreprise**	**3**	**S2**	**FR**
Projet S8	International business developpement	6	S2	EN
UEC6	Digital Business	3	S2	EN
UEC7	B to B marketing	3	S2	EN
UEL2	Advanced marketing	6	S2	EN
FLE	French as foreign language	2	S2	EN
Thematic week / Semaine thématique*	Geopolitics or intercultural communication	3*	S2*	FR or EN **
Professionnal project (career center)*	Conferences and workshops about internships and companies	1*	S2*	EN*

* only if 30 credits needed
* only if 30 credits needed

**Students can choose to follow the workshop in English or in French

JUNIA ISA

Programme **Ingénieur ISA**
Level **MSc1**
Specialisation Track **Food sciences**
Start date semester 05/01/26
End date semester 19/05/26
Referent person **Sophie DUPONT - Emie PERARD**

Unité enseignement/ Teaching Unit	Nom Module / Course title	Crédits ECTS / ECTS credits	Semestre/ semester	Langue / Language
UEC4	Sensory evaluation (TBC)	3	S2	EN
UEC5	Production management	3	S2	EN
Projet S8	Food technology project	6	S2	EN
UEC6	Ingredients	3	S2	EN
UEC7	Nutrition	3	S2	EN
UEL2	Food characterization	6	S2	EN
FLE	French as foreign language	2	S2	FR
Thematic week / Semaine thématique*	Geopolitics or intercultural communication	3*	S2*	FR or EN **
Professionnal project (career center)*	Conferences and workshops about internships and companies	1*	S2*	EN*

* only if 30 credits needed
* only if 30 credits needed

**Students can choose to follow the workshop in English or in French