



# Courses List Incoming Students

2025-2026

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## ESILV - Course list 4th Year - CCC

ECOLE	Major	Track	Semester	Module code	Course name	ECTS
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIFI470125	Advanced probability	3.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIIN470225	Machine Learning	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIGP470125	Project	5.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIGP470325	Project Methodology	1.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIGP470425	Research Methodology	1.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIDV470125	Ethique de l'ingénieur	1.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESILVS7+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIIN472925	Object Oriented Development	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIIN475225	Infrastructure Technology	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIIN476325	Mobile Devices	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIIN477325	Cybersecurity Landscape	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S07	MESIIN477625	Operating systems	2.00
ESILV	ESILV ANNEE 4 - CCC	Standard Track	S07	MESISK470225	Internship preparation	1.00
ESILV	ESILV ANNEE 4 - CCC	Standard Track	S07	MESIIN475625	Scrum certification	1.00
ESILV	ESILV ANNEE 4 - CCC	Standard Track	S07	MESIIN475725	Software engineering and development	3.00
ESILV	ESILV ANNEE 4 - CCC	Standard Track	S07	MESIIN478025	Rust Development	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S08	MESIFI482125	Statistical Risk Analysis and Game Theory	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S08	MESISI482525	Computational modeling	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S08	MESIGP480125	Project	5.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S08	MATXSK480125	Hackathon A4	1.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S08	MESILVF8+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - CCC	Core Track	S08	MESIIN482425	Code Deployment	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S08	MESIIN484425	Advanced Infrastructure	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S08	MESIIN485025	Forensic	2.00
ESILV	ESILV ANNEE 4 - CCC	Core Track	S08	MESIIN485025	Forensic	2.00
ESILV	ESILV ANNEE 4 - CCC	Standard Track	S08	MESIST480125	Internship A4	6.00
ESILV	ESILV ANNEE 4 - CCC	Standard Track	S08	MESIIN480325	NoSQL	2.00
ESILV	ESILV ANNEE 4 - CCC	Standard Track	S08	MESIIN483625	Containerization Technologies	2.00
ESILV	ESILV ANNEE 4 - CCC	Standard Track	S08	MESIIN483825	Trusted AI	2.00

## ESILV - Course list 4th Year - DIA 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIFI470125	Advanced probability	3.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIIN470225	Machine Learning	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIGP470125	Project	5.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIGP470325	Project Methodology	1.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIGP470425	Research Methodology	1.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIDV470125	Ethique de l'ingénieur	1.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESILVS7+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIIN471625	Advanced programming in data science	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIIN475825	Mathematics for Deep Learning	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIIN475925	Green AI (responsable, frugal)	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIIN476025	AI Algorithms	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S07	MESIIN477725	Neural Networks and Deep Learning	2.00
ESILV	ESILV ANNEE 4 - DIA	Standard Track	S07	MESISK470225	Internship preparation	1.00
ESILV	ESILV ANNEE 4 - DIA	Standard Track	S07	MESIIN475625	Scrum certification	1.00
ESILV	ESILV ANNEE 4 - DIA	Standard Track	S07	MESIIN475725	Software engineering and development	3.00
ESILV	ESILV ANNEE 4 - DIA	Standard Track	S07	MESIIN478025	Rust Development	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S08	MESIFI482125	Statistical Risk Analysis and Game Theory	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S08	MESISI482525	Computational modeling	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S08	MESIGP480125	Project	5.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S08	MATXSK480125	Hackathon A4	1.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S08	MESILVF8+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - DIA	Core Track	S08	MESIIN480125	Advanced Deep Learning	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S08	MESIIN480225	Web datamining & semantics	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S08	MESIIN484225	ML OPS	2.00
ESILV	ESILV ANNEE 4 - DIA	Core Track	S08	MESIIN485725	Information Retrieval and NLP	2.00
ESILV	ESILV ANNEE 4 - DIA	Standard Track	S08	MESIST480125	Internship A4	6.00
ESILV	ESILV ANNEE 4 - DIA	Standard Track	S08	MESIIN480325	NoSQL	2.00
ESILV	ESILV ANNEE 4 - DIA	Standard Track	S08	MESIIN483625	Containerization Technologies	2.00
ESILV	ESILV ANNEE 4 - DIA	Standard Track	S08	MESIIN483825	Trusted AI	2.00

## ESILV - Course list 4th Year - EVD 25-/26

ECOLE	Major	Track	Semester	Module code	Course name	ECTS
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESIFI470125	Advanced probability	3.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESIIN470225	Machine Learning	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESIGP470125	Project	5.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESIGP470325	Project Methodology	1.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESIGP470425	Research Methodology	1.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESIDV470125	Ethique de l'ingénieur	1.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESILVS7+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESISI470225	Fluid Mechanics	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESISI471925	Energetic efficiency & Smart Metering	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESISI472125	Decarbonisation and Energy Mix	1.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESISI472225	Nuclear Energy	1.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESISI472325	Solar Energy	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESISI472425	Wind Energy	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S07	MESISI475225	Masterclass Transformation of Territories and Smart Cities	0.00
ESILV	ESILV ANNEE 4 - EVD	Standard Track	S07	MESISK470225	Internship preparation	1.00
ESILV	ESILV ANNEE 4 - EVD	Standard Track	S07	MESISI471225	Dynamics of vehicles and powertrains systems	2.00
ESILV	ESILV ANNEE 4 - EVD	Standard Track	S07	MESISI473325	Sustainable innovation	2.00
ESILV	ESILV ANNEE 4 - EVD	Standard Track	S07	MESISI474725	Building stress analysis and design	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S08	MESIFI482125	Statistical Risk Analysis and Game Theory	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S08	MESISI482525	Computational modeling	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S08	MESIGP480125	Project	5.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S08	MATXSK480125	Hackathon A4	1.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S08	MESILVF8+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - EVD	Core Track	S08	MESIIN485825	IoT for smart buildings	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S08	MESISI481825	Building Thermal Simulation	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S08	MESISI482925	BIM	2.00
ESILV	ESILV ANNEE 4 - EVD	Core Track	S08	MESISI484025	Hydroelectricity	2.00
ESILV	ESILV ANNEE 4 - EVD	Standard Track	S08	MESIST480125	Internship A4	6.00
ESILV	ESILV ANNEE 4 - EVD	Standard Track	S08	MESIIN484025	Image processing	2.00
ESILV	ESILV ANNEE 4 - EVD	Standard Track	S08	MESIIN484125	Applications of AI	2.00
ESILV	ESILV ANNEE 4 - EVD	Standard Track	S08	MESISI482725	Thermochemistry	2.00

## ESILV - Course list 4th Year - FIN 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIFI470125	Advanced probability	3.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIIN470225	Machine Learning	2.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIGP470125	Project	5.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIGP470325	Project Methodology	1.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIGP470425	Research Methodology	1.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIDV470125	Ethique de l'ingénieur	1.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESILVS7+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIIN470425	Cryptocurrencies Market	1.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIIN470625	Blockchain Programming	3.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIIN473325	Rust Programming	2.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIIN476425	Symmetric-key algorithm	2.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S07	MESIIN477625	Operating systems	2.00
ESILV	ESILV ANNEE 4 - FIN	Standard Track	S07	MESISK470225	Internship preparation	1.00
ESILV	ESILV ANNEE 4 - FIN	Standard Track	S07	MESIIN475625	Scrum certification	1.00
ESILV	ESILV ANNEE 4 - FIN	Standard Track	S07	MESIIN475725	Software engineering and development	3.00
ESILV	ESILV ANNEE 4 - FIN	Standard Track	S07	MESIIN478025	Rust Development	2.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S08	MESIFI482125	Statistical Risk Analysis and Game Theory	2.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S08	MESISI482525	Computational modeling	2.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S08	MESIGP480125	Project	5.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S08	MATXSK480125	Hackathon A4	1.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S08	MESILVF8+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - FIN	Core Track	S08	MESIIN484525	Decentralized Finance	3.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S08	MESIIN484625	Public-key cryptography	1.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S08	MESIIN484725	Web Development	2.00
ESILV	ESILV ANNEE 4 - FIN	Core Track	S08	MESIIN485925	Machine Learning for Fintech	2.00
ESILV	ESILV ANNEE 4 - FIN	Standard Track	S08	MESIST480125	Internship A4	6.00
ESILV	ESILV ANNEE 4 - FIN	Standard Track	S08	MESIIN480325	NoSQL	2.00
ESILV	ESILV ANNEE 4 - FIN	Standard Track	S08	MESIIN483625	Containerization Technologies	2.00
ESILV	ESILV ANNEE 4 - FIN	Standard Track	S08	MESIIN483825	Trusted AI	2.00

ESILV - Course list 4th Year - IF 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIFI470125	Advanced probability	3.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIIN470225	Machine Learning	2.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIGP470125	Project	5.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIGP470325	Project Methodology	1.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIGP470425	Research Methodology	1.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIDV470125	Ethique de l'ingénieur	1.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESILVS7+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIFI471125	C++ for finance	2.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIFI471325	Market risk	2.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIFI472025	Advanced statistics	3.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIFI472125	Financial markets and instruments	1.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S07	MESIFI472325	Python, Git, Linux	2.00
ESILV	ESILV ANNEE 4 - IF	Standard Track	S07	MESISK470225	Internship preparation	1.00
ESILV	ESILV ANNEE 4 - IF	Standard Track	S07	MESIFI470725	Advanced financial concepts and models	2.00
ESILV	ESILV ANNEE 4 - IF	Standard Track	S07	MESIFI471025	Time series econometrics	2.00
ESILV	ESILV ANNEE 4 - IF	Standard Track	S07	MESIFI472225	VBA	2.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S08	MESIFI482125	Statistical Risk Analysis and Game Theory	2.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S08	MESISI482525	Computational modeling	2.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S08	MESIGP480125	Project	5.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S08	MATXSK480125	Hackathon A4	1.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S08	MESILVF8+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - IF	Core Track	S08	MESIFI480725	Stochastic calculus	3.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S08	MESIFI480925	Derivatives pricing and hedging	2.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S08	MESIFI481325	Machine learning and asset management	2.00
ESILV	ESILV ANNEE 4 - IF	Core Track	S08	MESIFI482325	Commodities markets and models	1.00
ESILV	ESILV ANNEE 4 - IF	Standard Track	S08	MESIST480125	Internship A4	6.00
ESILV	ESILV ANNEE 4 - IF	Standard Track	S08	MESIFI481025	Investment techniques	2.00
ESILV	ESILV ANNEE 4 - IF	Standard Track	S08	MESIFI481125	Equity derivatives	1.00
ESILV	ESILV ANNEE 4 - IF	Standard Track	S08	MESIFI481225	Simulation methods	2.00
ESILV	ESILV ANNEE 4 - IF	Standard Track	S08	MESIFI482225	Advanced times series econometrics	1.00

## ESILV - Course list 4th Year - IRO (ex-IND) 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESIFI470125	Advanced probability	3.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESIIN470225	Machine Learning	2.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESIGP470125	Project	5.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESIGP470325	Project Methodology	1.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESIGP470425	Research Methodology	1.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESIDV470125	Ethique de l'ingénieur	1.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESILVS7+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESIIN474625	Hardware Software Interface	1.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESIIN476725	Model-based systems Engineering	2.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESIIN476825	Production and industrial management	1.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESISI474525	Supply Chain Management	2.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESISI475325	Artificial intelligence in industry: IoT	2.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S07	MESISI475425	Mobile Robots	2.00
ESILV	ESILV ANNEE 4 - IRO	Standard Track	S07	MESISK470225	Internship preparation	1.00
ESILV	ESILV ANNEE 4 - IRO	Standard Track	S07	MESIIN477025	Data Analytics	2.00
ESILV	ESILV ANNEE 4 - IRO	Standard Track	S07	MESIIN477125	Augmented and Virtual Reality	2.00
ESILV	ESILV ANNEE 4 - IRO	Standard Track	S07	MESISI474625	Robotics	2.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MESIFI482125	Statistical Risk Analysis and Game Theory	2.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MESISI482525	Computational modeling	2.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MESIGP480125	Project	5.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MATXSK480125	Hackathon A4	1.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MESILVF8+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MESIIN482725	Industrial Automation	1.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MESIIN485525	Robot Operating System (ROS2)	2.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MESISI481625	Industrial Operations Management	1.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MESISI483925	Mechatronic Systems	2.00
ESILV	ESILV ANNEE 4 - IRO	Core Track	S08	MESISI484625	Robot dynamics & control	2.00
ESILV	ESILV ANNEE 4 - IRO	Standard Track	S08	MESIST480125	Internship A4	6.00
ESILV	ESILV ANNEE 4 - IRO	Standard Track	S08	MESIIN485225	Embedded Artificial Intelligence	2.00
ESILV	ESILV ANNEE 4 - IRO	Standard Track	S08	MESIIN485325	Computer Vision	2.00
ESILV	ESILV ANNEE 4 - IRO	Standard Track	S08	MESISI484925	Finite element methods	2.00

## ESILV - Course list 4th Year - OCC 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIFI470125	Advanced probability	3.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIIN470225	Machine Learning	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIGP470125	Project	5.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIGP470325	Project Methodology	1.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIGP470425	Research Methodology	1.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIDV470125	Ethique de l'ingénieur	1.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESILVS7+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIIN471925	HW Virtualization & Trust	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIIN474025	Securing Embedded Software	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIIN476125	OS Architecture	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIIN477325	Cybersecurity Landscape	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S07	MESIIN477825	Network Architecture	2.00
ESILV	ESILV ANNEE 4 - OCC	Standard Track	S07	MESISK470225	Internship preparation	1.00
ESILV	ESILV ANNEE 4 - OCC	Standard Track	S07	MESIIN475625	Scrum certification	1.00
ESILV	ESILV ANNEE 4 - OCC	Standard Track	S07	MESIIN475725	Software engineering and development	3.00
ESILV	ESILV ANNEE 4 - OCC	Standard Track	S07	MESIIN478025	Rust Development	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S08	MESIFI482125	Statistical Risk Analysis and Game Theory	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S08	MESISI482525	Computational modeling	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S08	MESIGP480125	Project	5.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S08	MATXSK480125	Hackathon A4	1.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S08	MESILVF8+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - OCC	Core Track	S08	MESIIN482125	OS Hardening	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S08	MESIIN482225	Network Hardening	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S08	MESIIN484325	Connectivity Issues in IoT	2.00
ESILV	ESILV ANNEE 4 - OCC	Core Track	S08	MESIIN486025	Cybersecurity Deepening	2.00
ESILV	ESILV ANNEE 4 - OCC	Standard Track	S08	MESIST480125	Internship A4	6.00
ESILV	ESILV ANNEE 4 - OCC	Standard Track	S08	MESIIN480325	NoSQL	2.00
ESILV	ESILV ANNEE 4 - OCC	Standard Track	S08	MESIIN483625	Containerization Technologies	2.00
ESILV	ESILV ANNEE 4 - OCC	Standard Track	S08	MESIIN483825	Trusted AI	2.00

## ESILV - Course list 4th Year - MMN 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESIFI470125	Advanced probability	3.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESIIN470225	Machine Learning	2.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESIGP470125	Project	5.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESIGP470325	Project Methodology	1.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESIGP470425	Research Methodology	1.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESIDV470125	Ethique de l'ingénieur	1.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESILVS7+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESISI470225	Fluid Mechanics	2.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESISI470625	Continuum Mechanics	3.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESISI472625	Systems and Control	1.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESISI473525	Probabilistic and reliability methods	2.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S07	MESISI473625	Finite Element Analysis	2.00
ESILV	ESILV ANNEE 4 - MMN	Standard Track	S07	MESISK470225	Internship preparation	1.00
ESILV	ESILV ANNEE 4 - MMN	Standard Track	S07	MESISI471225	Dynamics of vehicles and powertrains systems	2.00
ESILV	ESILV ANNEE 4 - MMN	Standard Track	S07	MESISI473325	Sustainable innovation	2.00
ESILV	ESILV ANNEE 4 - MMN	Standard Track	S07	MESISI474725	Building stress analysis and design	2.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S08	MESIFI482125	Statistical Risk Analysis and Game Theory	2.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S08	MESISI482525	Computational modeling	2.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S08	MESIGP480125	Project	5.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S08	MATXSK480125	Hackathon A4	1.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S08	MESILVF8+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - MMN	Core Track	S08	MESISI480425	Computational Solid Mechanics	2.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S08	MESISI480725	Computation Fluid Dynamics (CFD)	2.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S08	MESISI482825	Materials and behavior	2.00
ESILV	ESILV ANNEE 4 - MMN	Core Track	S08	MESISI484725	Supply chain	2.00
ESILV	ESILV ANNEE 4 - MMN	Standard Track	S08	MESIST480125	Internship A4	6.00
ESILV	ESILV ANNEE 4 - MMN	Standard Track	S08	MESIIN484025	Image processing	2.00
ESILV	ESILV ANNEE 4 - MMN	Standard Track	S08	MESIIN484125	Applications of AI	2.00
ESILV	ESILV ANNEE 4 - MMN	Standard Track	S08	MESISI482725	Thermochemistry	2.00

## ESILV - Course list 4th Year - MDS (ex-SB) 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESIFI470125	Advanced probability	3.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESIIN470225	Machine Learning	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESIGP470125	Project	5.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESIGP470325	Project Methodology	1.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESIGP470425	Research Methodology	1.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESIDV470125	Ethique de l'ingénieur	1.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESILVS7+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESIIN477925	Internet of Things	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESISI470725	Biology fundamentals	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESISI471525	Health, autonomy and biotechnology: economy and organisation	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESISI473825	Sensors and optoelectronics	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S07	MESISI473925	Modeling biological systems	2.00
ESILV	ESILV ANNEE 4 - MDS	Standard Track	S07	MESISK470225	Internship preparation	1.00
ESILV	ESILV ANNEE 4 - MDS	Standard Track	S07	MESIIN477025	Data Analytics	2.00
ESILV	ESILV ANNEE 4 - MDS	Standard Track	S07	MESIIN477125	Augmented and Virtual Reality	2.00
ESILV	ESILV ANNEE 4 - MDS	Standard Track	S07	MESISI474625	Robotics	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESIFI482125	Statistical Risk Analysis and Game Theory	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESISI482525	Computational modeling	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESIGP480125	Project	5.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MATXSK480125	Hackathon A4	1.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESILVF8+125	Anglais / FLE	
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESISI474425	Control Theory	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESISI483025	Ethics, quality and regulation	1.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESISI483225	Applied data analysis	1.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESISI483325	Telehealth & Health information systems	1.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESISI483425	Experimental methodology and biostatistics	2.00
ESILV	ESILV ANNEE 4 - MDS	Core Track	S08	MESISI484825	Medical digital workflow	1.00
ESILV	ESILV ANNEE 4 - MDS	Standard Track	S08	MESIST480125	Internship A4	6.00
ESILV	ESILV ANNEE 4 - MDS	Standard Track	S08	MESIIN485225	Embedded Artificial Intelligence	2.00
ESILV	ESILV ANNEE 4 - MDS	Standard Track	S08	MESIIN485325	Computer Vision	2.00
ESILV	ESILV ANNEE 4 - MDS	Standard Track	S08	MESISI484925	Finite element methods	2.00

## ESILV - Course list 5th Year - CCC 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESIIN594125	Data protection management	2.00
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESISI594225	Product Life-cycle Management (PLM)	2.00
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESILVS-0525	FLE (French)	
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESIEI591525	Thesis methodology	1.00
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESIGP59+125	Project	4.00
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESISK590225	Accompagnement SoftSkills Projet A5	
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MATXSK590125	Séminaire A5 Soft Skills et Leadership	1.50
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESISK590125	Marketing Yourself et négociation salariale	1.50
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESIIN593225	Advanced Network Security	2.00
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESIIN593425	Cloud Orchestration	2.00
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESIIN594625	Cloud Data Structure	2.00
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESIIN594925	PenTest	2.00
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESIIN595825	Governance Risk and Compliance	2.00
ESILV	ESILV ANNEE 5 - CCC	Core Track	S09	MESIIN595925	Cyber Resilience & Crisis Management	2.00
ESILV	ESILV ANNEE 5 - CCC	Standard Track	S09	MESIIN594325	Security use cases	2.00
ESILV	ESILV ANNEE 5 - CCC	Standard Track	S09	MESIIN594425	Graph and mining	2.00
ESILV	ESILV ANNEE 5 - CCC	Standard Track	S09	MESIIN594525	Gen AI prompting and copilot	2.00
ESILV	ESILV ANNEE 5 - CCC	Standard Track	S10	MESIST500125	Internship	22.00
ESILV	ESILV ANNEE 5 - CCC	Standard Track	S10	MESIEI500225	Mémoire	8.00

## ESILV - Course list 5th Year - DIA 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIIN594125	Data protection management	2.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESISI594225	Product Life-cycle Management (PLM)	2.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESILVS-0525	FLE	
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIEI591525	Thesis methodology	1.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIGP59+12	Project	4.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESISK59022	Accompagnement SoftSkills Projet A5	
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MATXSK59012	Séminaire A5 Soft Skills et Leadership	1.50
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESISK59012	Marketing Yourself et négociation salariale	1.50
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIIN595025	Advanced machine learning and Gen AI	2.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIIN595125	Machine learning for Computer Vision	2.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIIN595225	Big data ecosystem and processing with Spark	2.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIIN595325	Explainability AI	1.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIIN595525	BI Pipeline	2.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIIN595625	Advanced expertise in machine learning	2.00
ESILV	ESILV ANNEE 5 - DIA	Core Track	S09	MESIIN596525	Big data structure	1.00
ESILV	ESILV ANNEE 5 - DIA	Standard Track	S09	MESIIN594325	Security use cases	2.00
ESILV	ESILV ANNEE 5 - DIA	Standard Track	S09	MESIIN594425	Graph and mining	2.00
ESILV	ESILV ANNEE 5 - DIA	Standard Track	S09	MESIIN594525	Gen AI prompting and copilot	2.00
ESILV	ESILV ANNEE 5 - DIA	Standard Track	S10	MESIST500125	Internship	22.00
ESILV	ESILV ANNEE 5 - DIA	Standard Track	S10	MESIEI500225	Mémoire	8.00

## ESILV - Course list 5th Year - EVD 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESIIN594125	Data protection management	2.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISI594225	Product Life-cycle Management (PLM)	2.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESILVS-0525	FLE	
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESIEI591525	Thesis methodology	1.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESIGP59+125	Project	4.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISK590225	Accompagnement SoftSkills Projet A5	
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MATXSK590125	Séminaire A5 Soft Skills et Leadership	1.50
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISK590125	Marketing Yourself et négociation salariale	1.50
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISI592625	Energy Storage Systems	3.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISI592725	Ecodistrict	3.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISI592825	Environmental Regulation RE2020	1.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISI593025	Sustainable Projects : Low Tech & Social Economy	1.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISI594425	Life Cycle Analysis	2.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISI594525	Eco-conception of buildings	2.00
ESILV	ESILV ANNEE 5 - EVD	Core Track	S09	MESISI595225	Masterclass Energy market	
ESILV	ESILV ANNEE 5 - EVD	Standard Track	S09	MESISI590425	Material accounting	2.00
ESILV	ESILV ANNEE 5 - EVD	Standard Track	S09	MESISI592125	Industrial Design	2.00
ESILV	ESILV ANNEE 5 - EVD	Standard Track	S09	MESISI594325	Sustainable Automobile Engineering	2.00
ESILV	ESILV ANNEE 5 - EVD	Standard Track	S10	MESIST500125	Internship	22.00
ESILV	ESILV ANNEE 5 - EVD	Standard Track	S10	MESIEI500225	Mémoire	8.00

## ESILV - Course list 5th Year - FIN 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIIN594125	Data protection management	2.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESISI594225	Product Life-cycle Management (PLM)	2.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESILVS-0525	FLE	
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIEI591525	Thesis methodology	1.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIGP59+125	Project	4.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESISK590225	Accompagnement SoftSkills Projet A5	
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MATXSK590125	Séminaire A5 Soft Skills et Leadership	1.50
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESISK590125	Marketing Yourself et négociation salariale	1.50
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIFI590225	Cryptofinance	1.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIFI590325	Lightning Network	2.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIFI590425	Monnaies Numériques	3.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIFI592125	Mobile Development	1.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIFI592725	Proof of Stake	2.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIFI592825	Zero Knowledge Proofs	1.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIFI594725	Payment overview	1.00
ESILV	ESILV ANNEE 5 - FIN	Core Track	S09	MESIIN596225	Security and performance of smart contracts	1.00
ESILV	ESILV ANNEE 5 - FIN	Standard Track	S09	MESIIN594325	Security use cases	2.00
ESILV	ESILV ANNEE 5 - FIN	Standard Track	S09	MESIIN594425	Graph and mining	2.00
ESILV	ESILV ANNEE 5 - FIN	Standard Track	S09	MESIIN594525	Gen AI prompting and copilot	2.00
ESILV	ESILV ANNEE 5 - FIN	Standard Track	S10	MESIST500125	Internship	22.00
ESILV	ESILV ANNEE 5 - FIN	Standard Track	S10	MESIEI500225	Mémoire	8.00

## ESILV - Course list 5th Year - IF 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIIN594125	Data protection management	2.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESISI594225	Product Life-cycle Management (PLM)	2.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESILVS-0525	FLE	
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIEI591525	Thesis methodology	1.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIGP59+125	Project	4.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESISK590225	Accompagnement SoftSkills Projet A5	
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MATXSK590125	Séminaire A5 Soft Skills et Leadership	1.50
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESISK590125	Marketing Yourself et négociation salariale	1.50
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIFI590825	Model risk	1.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIFI591225	Algorithmic trading	2.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIFI594125	FX market and models	2.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIFI594225	Data-related innovation in finance	2.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIFI594325	Model calibration	2.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIFI594425	Advanced fixed-income with Bloomberg	2.00
ESILV	ESILV ANNEE 5 - IF	Core Track	S09	MESIFI594525	Derivatives trading	1.00
ESILV	ESILV ANNEE 5 - IF	Standard Track	S09	MESIFI591025	Diffusion models	2.00
ESILV	ESILV ANNEE 5 - IF	Standard Track	S09	MESIFI593225	Basel 3, credit risk and machine learning	2.00
ESILV	ESILV ANNEE 5 - IF	Standard Track	S09	MESIFI593325	Advanced stochastic processes	2.00
ESILV	ESILV ANNEE 5 - IF	Standard Track	S10	MESIST500125	Internship	22.00
ESILV	ESILV ANNEE 5 - IF	Standard Track	S10	MESIEI500225	Mémoire	8.00

## ESILV - Course list 5th Year - IRO (ex-IND) 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESIIN594125	Data protection management	2.00
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESISI594225	Product Life-cycle Management (PLM)	2.00
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESILVS-0525	FLE	
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESIEI591525	Thesis methodology	1.00
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESIGP59+125	Project	4.00
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESISK590225	Accompagnement SoftSkills Projet A5	
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MATXSK590125	Séminaire A5 Soft Skills et Leadership	1.50
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESISK590125	Marketing Yourself et négociation salariale	1.50
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESIIN592725	Autonomous Embedded Systems	2.00
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESISI590525	Connected Factory	3.00
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESISI591425	Industrial Data Management	2.00
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESISI591725	Multidisciplinary Design Optimization	2.00
ESILV	ESILV ANNEE 5 - IRO	Core Track	S09	MESISI595125	Safety and Security	3.00
ESILV	ESILV ANNEE 5 - IRO	Standard Track	S09	MESISI590325	Additive Manufacturing	2.00
ESILV	ESILV ANNEE 5 - IRO	Standard Track	S09	MESISI594925	Digital Twins	2.00
ESILV	ESILV ANNEE 5 - IRO	Standard Track	S09	MESISI595325	Digital simulation of ergonomics	2.00
ESILV	ESILV ANNEE 5 - IRO	Standard Track	S10	MESIST500125	Internship	22.00
ESILV	ESILV ANNEE 5 - IRO	Standard Track	S10	MESIEI500225	Mémoire	8.00

## ESILV - Course list 5th Year - OCC 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESIIN594125	Data protection management	2.00
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESISI594225	Product Life-cycle Management (PLM)	2.00
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESILVS-0525	FLE	
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESIEI591525	Thesis methodology	1.00
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESIGP59+125	Project	4.00
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESISK590225	Accompagnement SoftSkills Projet A5	
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MATXSK590125	Séminaire A5 Soft Skills et Leadership	1.50
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESISK590125	Marketing Yourself et négociation salariale	1.50
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESIIN592625	IoT Security Architecture	2.00
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESIIN595825	Governance Risk and Compliance	2.00
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESIIN595925	Cyber Resilience & Crisis Management	2.00
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESIIN596025	IoT Pentesting	2.00
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESIIN596125	Industrial Security	2.00
ESILV	ESILV ANNEE 5 - OCC	Core Track	S09	MESIIN596425	Social engineering and cognitive warfare	2.00
ESILV	ESILV ANNEE 5 - OCC	Standard Track	S09	MESIIN594325	Security use cases	2.00
ESILV	ESILV ANNEE 5 - OCC	Standard Track	S09	MESIIN594425	Graph and mining	2.00
ESILV	ESILV ANNEE 5 - OCC	Standard Track	S09	MESIIN594525	Gen AI prompting and copilot	2.00
ESILV	ESILV ANNEE 5 - OCC	Standard Track	S10	MESIST500125	Internship	22.00
ESILV	ESILV ANNEE 5 - OCC	Standard Track	S10	MESIEI500225	Mémoire	8.00

## ESILV - Course list 5th Year - MMN 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESIIN594125	Data protection management	2.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISI594225	Product Life-cycle Management (PLM)	2.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESILVS-0525	FLE	
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESIEI591525	Thesis methodology	1.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESIGP59+125	Project	4.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISK590225	Accompagnement SoftSkills Projet A5	
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MATXSK590125	Séminaire A5 Soft Skills et Leadership	1.50
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISK590125	Marketing Yourself et négociation salariale	1.50
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISI591225	Composite materials	1.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISI591525	Flight mechanics and avionics	2.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISI592225	Aeroelasticity	2.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISI592325	Multiscale Modeling and Simulation	2.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISI593225	Fracture mechanics	2.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISI594625	Digital twins	1.00
ESILV	ESILV ANNEE 5 - MMN	Core Track	S09	MESISI594725	Quality management	1.00
ESILV	ESILV ANNEE 5 - MMN	Standard Track	S09	MESISI590425	Material accounting	2.00
ESILV	ESILV ANNEE 5 - MMN	Standard Track	S09	MESISI592125	Industrial Design	2.00
ESILV	ESILV ANNEE 5 - MMN	Standard Track	S09	MESISI594325	Sustainable Automobile Engineering	2.00
ESILV	ESILV ANNEE 5 - MMN	Standard Track	S10	MESIST500125	Internship	22.00
ESILV	ESILV ANNEE 5 - MMN	Standard Track	S10	MESIEI500225	Mémoire	8.00

## ESILV - Course list 5th Year - MDS (ex-SB) 25/26

ECOLE	Major	Track	Semester	Module Code	Course Name	ECTS
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESIIN594125	Data protection management	2.00
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESISI594225	Product Life-cycle Management (PLM)	2.00
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESILVS-0525	FLE	
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESIEI591525	Thesis methodology	1.00
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESIGP59+125	Project	4.00
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESISK590225	Accompagnement SoftSkills Projet A5	
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MATXSK590125	Séminaire A5 Soft Skills et Leadership	1.50
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESISK590125	Marketing Yourself et négociation salariale	1.50
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESIIN591325	HMI and sensory engineering	2.00
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESIIN591625	Neuroengineering	2.00
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESIIN592825	Connected objects and IoT for human health	3.00
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESIIN596325	Medical computer vision and image processing	2.00
ESILV	ESILV ANNEE 5 - MDS	Core Track	S09	MESISI593525	Materials and implants	3.00
ESILV	ESILV ANNEE 5 - MDS	Standard Track	S09	MESISI590325	Additive Manufacturing	2.00
ESILV	ESILV ANNEE 5 - MDS	Standard Track	S09	MESISI594925	Digital Twins	2.00
ESILV	ESILV ANNEE 5 - MDS	Standard Track	S09	MESISI595325	Digital simulation of ergonomics	2.00
ESILV	ESILV ANNEE 5 - MDS	Standard Track	S10	MESIST500125	Internship	22.00
ESILV	ESILV ANNEE 5 - MDS	Standard Track	S10	MESIEI500225	Mémoire	8.00