

Course Unit	Before resitting	Average	ECTS	Comments
Fundamental Sciences for the Engineer		10.16	20/20	Validated
Mathematics 3		11.61		
Mathematics tools 3		10.1		
Mathematics 4		9.4		
Mathematics tools 4		10.78		
Introduction to numerical analysis		9.57		
Signals & Systems		11.98		
Electromagnetism 2		7.71		
Applied Sciences to Energy and Climate Issues		10.64	15/15	Validated
Technical systems 3		10.22		
Technical systems 4		10.47		
Physics and geometrical optics		7.42		
Environmental Issues 1		10.88		
Environmental Issues 2		12		
Project Management: SMART Objectives		12		
Project Management applied to Energy & Climate Issues		14.4		
Electromagnetic Waves		9.71		
Applications with HMI		13.38		
Technologies and Languages for the Engineer		11.31	15/15	Validated
Analog electronics 1	7.58	10.75		
Analog electronics 2	8.08	12.41		
English 3		11		
English 4		11.18		
Advanced algorithmics 2	10.19	12.49		
Advanced algorithmics 3	8.25	9.9		
Personal and Professional Project of the Engineer		12.19	10/10	Validated
Personal development 1				
Business management 1		16.8		
Business management 2		11		
Innovation track 3		14		
International track 2		7		
IngéSup Internship		15.75		
ECHOS		5		

Awarded ECTS credits: 60/60

Validated



Benjamin de Prost



Dean of Undergraduate Studies



03/21/2025

VIOLLE Pierre-Alexis

1st year of engineering - Semester 5

Academic Semester 2024/2025

Course Unit	Before resitting	Average	ECTS	Comments
TU1 - Fundamental Sciences for Engineering 1		12.35	10/10	Validated
Signal processing part. 1		10.15		
Probability and statistics		9.75		
Linear systems		11.5		
Materials for engineering		18		
TU2 - Technologies and Programming Languages f		10.13	10/10	Validated
Energy		8.5		
Electronics		10.75		
Unix		12.75		
Networks overview		8.5		
TU3 - Professional skills for engineers 1		15.94	10/10	Validated
IngéSpé Internship		18.25		
Sustainable Innovation for Impactful and Responsible Projects		14.5		
English 5		13		
Biotechnology and Health Track 4		18		

Awarded ECTS credits: 30/30

Validated



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Course Unit	Before resitting	Average	ECTS	Comments
Mathematics and data sciences		9.77	20/20	Validated by compensation
Mathematics 2	9.7	12		
Mathematical tools 2	9.2	9.8		
Mathematics 1	8.4	12		
Mathematical tools 1	8.8	10.6		
Electromagnetism 1	6.2	11.7		
Electrocinetics	4.28	6.03		
Physics basics				
Maths for physics 1	5.23	7.53		
Maths for physics 2	3.15	5.05		
Physics and engineering		11.67	20/20	Validated
Physic systems 1		14.7		
Physic systems 2		11.05		
Living systems 1		13.5		
Living systems 2		12.25		
Technical systems 1		12.9		
Technical systems 2		13.5		
Science & society 2		11.35		
Science & society 1		11.5		
Algorithmic application		7.25		
Humanities		10.48	15/15	Validated
French language 1		12.38		
French language 2		9.55		
Introduction to Python 1		7.8		
Advanced algorithmic 1		7.87		
English 1		14.25		
English 2		12		
Modern languages		11.64	5/5	Validated
ECHOS		12		
Introduction to engineering business 2		13		
Introduction to engineering business 1		7.75		
Methodology				
Biotech & Health track 1		16		

Awarded ECTS credits: 60/60

Validated

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