

Studies Plan

Génie mécanique 2024-25

Block 1

Courses				Bachelor 3	Bachelor 4	Bachelor 5	Bachelor 6	Exam Session	Exam	Credit
Lang.	Code	Sect.	Teacher	C	E	L	T	P	I	
	Analysis III									
E	MATH-202(c)	MA	Antolin Sanchez	3h	2h				Win	Written 5
	Analysis IV (for EL, GM, MX)									
E	MATH-207(c)	MA	Moschidis		2h	2h			Sum	Written 4
	General physics: electromagnetism									
E	PHYS-201(b)	PH	Ramirez-San-Juan	2h					Win	Written 6
	Mechanics of structures (For GM)									
F	ME-232	GM	Prenleloup	3h	1h				Win	Written 4
	Numerical analysis									
F	MATH-251(e)	MA	Caboussat		2h	2h			Sum	Written 4
	Probability and statistics									
F	MATH-234(d)	MA	Goldstein		2h	1h			Sum	Written 3
	Sustainable products and supply chains									
E	ME-203	GM	Kaboli Wakeman		2h	1h			Sum	Written 3
	Thermodynamics and energetics I									
E	ME-251	GM	Lu	3h	1h				Win	Written 4

Block 2

Courses				Bachelor 3	Bachelor 4	Bachelor 5	Bachelor 6	Exam Session	Exam	Credit
Lang.	Code	Sect.	Teacher	C	E	L	T	P	I	
	Dynamical systems									
E	ME-221	GM	Sakar		2h	1h			Sum	Written 3
	Fluid mechanics (for GM)									
E	ME-280	GM	Schneider		3h	1h			Sum	Written 4
	Industrial production processes									
F	ME-212	GM	Boillat		4h				Sum	Written 4
	Mechanical behaviour of materials									
F	MSE-234	MX	Gheysen Hernandez Escobar Mortensen	3h	1h				Win	Written 4
	Mechanical systems									
F	ME-202	GM	Soubielle		2h	2h			Sum	Written 4
	Programmation pour ingénieur									
F	ME-213	GM	Salzmann	2h	1h	1h			Win	During the 4 semester

Block 3

Courses				Bachelor 3	Bachelor 4	Bachelor 5	Bachelor 6	Exam Session	Exam	Credit
Lang.	Code	Sect.	Teacher	C	E	L	T	P	I	
	Control systems + TP									
E	ME-321	GM	Jones Salzmann			3h	1h		Win	Written 4
	Dynamical effects in mechanical design									
F	ME-311	GM	Schiffmann				1h	1h	1h	Sum Written 3
	Electrical machines (for ME)									
F	EE-382	EL	Hodder			2h	1h		Win	Written 3

Courses			Exam Session	Exam	Credit
Lang.	Code	Sect. Teacher			
	SHS : Bachelor cycle BA6				
F		SHS			2
	HSS : Bachelor cycle BA5				
F		SHS			2
	HSS : Bachelor cycle BA4				
F		SHS			2
	HSS : Bachelor cycle BA3				
F		SHS			2