

Semester 1

Teaching unit	Coeff	Credits	Evaluation mode	
			Continuous	Exam
Fondamental TU				
FTU11	7	11		
FTU 111 : Analysis 1	4	6	40%	60%
FTU 112 : Algebra 1	3	5	40%	60%
FTU 12	7	11		
FTU 121 : Algorithms and data structure 1	4	6	40%	60%
FTU 122 : Machine structure 1	3	5	40%	60%
Methodological TU				
FTU11(O/P)	2	4		
MTU111 : Scientific terminology and written expression	1	2		100%
MTU112 : Foreign language	1	2		100%
Discovery TU				
DTU11(O/P) Choose a course from:	2	4		
- Physics 1 - Electronics and system components	2	4	40%	60%
Total Semester 1	18	30		

Semester 2

Teaching unit	Coeff	Credits	Evaluation mode	
			Continuous	Exam
Fondamental TU				
FTU21	6	10		
FTU211 : Analysis 2	4	6	40%	60%
FTU212 : Algebra 2	2	4	40%	60%
FTU22	6	10		
FTU221 : Algorithms and data structure 2	4	6	40%	60%
FTU222 : Machine structure 2	2	4	40%	60%

Methodological TU				
MTU21	4	7		
MTU211 : Introduction to probability and descriptive statistics	2	3	40%	60%
MTU212 : Information and communications technology	1	2		100%
MTU213 : Mathematical Programming Tools	1	2	40%	60%
Transversal TU				
TTU21	2	3		
TTU211: Physics 2	2	3	40%	60%
Total Semester 2	18	30		

Semester 3

Teaching unit	Coeff	Credits	Evaluation mode	
			Continuous	Exam
Fondamental TU				
FTU31	10	18		
FTU311 : Algebra 3	3	5	40%	60%
FTU312 : Analysis 3	4	7	40%	60%
FTU313 : Introduction to topology	3	6	40%	60%
Methodological TU				
MTU31	6	10		
MTU311 : Numerical analysis 1	3	4	40%	60%
MTU312 : Mathematical Logic	2	3	40%	60%
MTU313 : Programming Tools 2	1	3	40%	60%
Discovery TU				
DTU31	1	2		
DTU311 : History of Mathematics	1	2		100%
Total Semester 3	17	30		

Semester 4

Teaching unit	Coeff	Credits	Evaluation mode	
			Continuou s	Exam
Fondamental TU				
FTU41	10	18		
FTU411 : Analysis 4	4	7	40%	60%
FTU412 : Algebra 4	3	5	40%	60%
FTU413 : complex Analysis	3	6	40%	60%
Methodological TU				
MTU41	6	10		
MTU411 : Numerical analysis 2	2	4	40%	60%
MTU412 : Probability	2	3	40%	60%
M413 : Geometry	2	3	40%	60%
Discovery TU				
DTU41	1	2		
DTU411 : Application of mathematics to other sciences	1	2		100%
Total Semester 4	17	30		

Semester 5

Teaching unit	Coeff	Credits	Evaluation mode	
			Continuou s	Exam
Fondamental TU				
FTU 51	7	11		
FTU511: Measure and integration	4	6	40%	60%
FTU512: Normed vector spaces	3	5	40%	60%
FTU 52	6	11		
FTU521 : Differential equations	4	6	40%	60%
FTU522 : Equations of mathematical physics	2	5	40%	60%
Methodological TU				

MTU51	2	5		
MTU511 : Optimization without constraints	2	5	40%	60%
Discovery TU				
DTU51	1	3		
DTU511 : Introduction to didactics of Mathematics	1	3		100%
Total Semester 5	16	30		

Semester 6

Teaching unit	Coeff	Credits	Evaluation mode	
			Continuous	Exam
Fondamental TU				
FTU61	10	18		
FTU611 : Inferential statistics	5	9	40%	60%
FTU612 : Introduction to the theory of linear operators	5	9	40%	60%
Methodological TU				
MTU61	4	10		
MTU611: Transformations in Lp spaces	2	5	40%	60%
MTU612: Differential geometry	2	5	40%	60%
Transversal TU				
TTU61	1	2		
TTU611 : Ethics and deontology of teaching and research	2	2		100%
Total Semester 6	16	30		