

PEOPLE’S DEMOCRATIC REPUBLIC OF ALGERIA

MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH

TRAINING OFFER
L.M.D.

Academic Bachelor’s Degree

2024 - 2025

Institution	Faculty	Department
University of Jijel	Exact Sciences and Computer Science	Mathematics

Domain	Track	Specialization
Mathematics and Computer Science	Mathematics	Mathematics

Semester 5 :

Teaching Unit	THS	Hours per Week				Coeff	Credits	Assessment Method	
	14weeks	C	DW	PW	Others			Continuous	Exam
Fundamental TU									
FTU 51		4h30	3h		6h	7	11		
FTU511 : Measure and Integration	63h	3h	1h30		3h	4	6	40%	60%
FTU512 : Normed Vector Spaces	42h	1h30	1h30		3h	3	5	40%	60%
FTU52		4h30	3h		6h	6	11		
FTU521 : Differential Equations	63h	3h	1h30		3h	4	6	40%	60%
FTU521 : Equations of Mathematical Physics	42h	1h30	1h30		3h	2	5	40%	60%
Methodology TU									
MTU51		1h30	1h30	1h30	2h	2	5		
MTU511 : Unconstrained Optimization	63h	1h30	1h30	1h30	2h	2	5	40%	60%
Discovery TU									
DTU51		1h30			2h	1	3		
DTU511 : Introduction to Didactics of Mathematics	21h	1h30			2h	1	3		100%
Total Semester 5	294h	12h	7h30	1h30	16h	16	30		

Semester 6 :

Teaching Unit	THS	Hours per Week				Coeff	Credits	Assessment Method	
	14weeks	C	DW	PW	Others			Continuous	Exam
Fundamental TU									
FTU61		6h	6h		6h	10	18		
FTU611 : Subject X(*)	84h	3h	3h		3h	5	9	40%	60%
FTU612 : Subject Y(*)	84h	3h	3h		3h	5	9	40%	60%
Methodology TU									
MTU61		6h	3h		4h	4	10		
MTU611 : Integral Transforms in L^p Spaces	63h	3h	1h30		2h	2	5	40%	60%
MTU612 : Differential Geometry	63h	3h	1h30		2h	2	5	40%	60%
Transversal TU									
TTU 61		1h30			2h	2	2		
DTU511 : Ethics of Teaching and Research	21h	1h30			2h	2	2		100%
Total Semester 6	315h	13h30	9h		12h	16	30		

(*) Subjects X and Y are to be chosen in pairs by the teaching team from the following List

Introduction to group theory	Introduction to the theory of linear operators
Field theory	Partial differential equations
Inferential statistics	Mathematical modeling of biological rhythms
Advanced probability	Constrained optimization
Introduction to Random processes	Linear programming
Numerical methods for EDO and EDP	