

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 1 :

Teaching Unit	THS	Hours per Week				Coeff	Credits	Assessment Method	
	14weeks	C	DW	PW	Others			Continuous	Exam
Fundamental TU									
FTU11		4h30	4h30		6h	7	11		
FTU111 : Analysis 1	84h	3h00	3h00		3h	4	6	40%	60%
FTU112 : Algebra 1	42h	1h30	1h30		3h	3	5	40%	60%
FTU12		4h30	3h	3h	6h	7	11		
FTU121 : Algorithms and Data Structures 1	105h	3h00	1h30	3h	3h	4	6	40%	60%
FTU122 : Machine Structure 1	42h	1h30	1h30		3h	3	5	40%	60%
Methodology TU									
MTU11			3h		4h	2	4		
MTU111 : Scientific Terminology and Writing Skills	21h		1h30		2h	1	2		100%
MTU112 : Foreign Language	21h		1h30		2h	1	2		100%
Discovery TU									
DTU11 Choose one subject from :		1h30	1h30		2h	2	4		
- Physics1	42h	1h30	1h30		2h	2	4	40%	60%
- Electronics and System Components									
Total Semester 1	357h	10h30	12h	3h	18h	18	30		

Semester 2 :

Teaching Unit	THS	Hours per Week				Coeff	Credits	Assessment Method	
	14weeks	C	DW	PW	Others			Continuous	Exam
Fundamental TU									
FTU21		4h30	3h		6h	6	10		
FTU211 : Analysis 2	63h	3h00	1h30		3h	4	6	40%	60%
FTU212 : Algebra 2	42h	1h30	1h30		3h	2	4	40%	60%
FTU22		3h	3h	1h30	6h	6	10		
FTU221 : Algorithms and Data Structures 2	63h	1h30	1h30	1h30	3h	4	6	40%	60%
FTU222 : Machine Strucure 2	42h	1h30	1h30		3h	2	4	40%	60%
Methodology TU									
MTU21		4h30	1h30	1h30	6h	4	7		
MTU211 : Introduction to Probability and Descriptive Statistics	42h	1h30	1h30		2h	2	3	40%	60%
MTU212 : Information and Communication Technology	21h	1h30			2h	1	2		100%
MTU213 : Programming Tools for Mathematics	42h	1h30		1h30	2h	1	2	40%	60%
Transversal TU									
TTU21		1h30	1h30		2h	2	3		
TTU211 : Physics 2 (general electricity)	42h	1h30	1h30		2h	2	3	40%	60%
Total Semester 2	357h	13h30	9h	3h	20h	18	30		