

Official translation of the Arabic enclosed document / Ordinance n° 95-13 dated March 11<sup>th</sup> 1995

**PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA**  
**MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH**

UNIVERSITY OF HASSIBA BEN BOUALI  
INSTITUTE OF: EXACT SCIENCES AND COMPUTING  
DEPARTMENT OF: MATHEMATICS

TRUE TRANSLATION

N° 04. E / 2024

**TRANSCRIPT**

Academic year: 2018 / 2019  
First name: BACHA Oussama  
Date of birth: August 27<sup>th</sup> 1993  
In: Thenit TISEMSILT  
Registration number: 0339137234  
Filed: Mathematics and computing  
Specialty: Scientific modeling and calculation  
Academic Master's Degree

**1<sup>ST</sup> SEMESTER**

**YEAR: M 2**

Nature	Teaching unit (T.U)			Constituent subject of the teaching unit			Obtained results			
	Code and title	Credits	Coef	Entitle	Credits	Coef	Materials		Unit	
							Mark	Credits	Sess/Year	Mark
T.U	CUTS3 Fundamental	18.00	9	Methodology and finite elements II Mechanics of continuous media Digital techniques in electromagnetism	06.00 06.00 06.00	3 3 3	03.83 10.66 12.00	06.00 06.00 06.00	S2 18/19 S1 18/19 S1 18/19	08.83
T.U	CUMS3 Methodological	09.00	5	Optimal control Data analysis	05.00 04.00	3 2	09.33 10.16	04.00	S2 18/19 S2 18/19	09.66
T.U	CUTS3 Transversal	03.00	3	Expression and communication techniques Ethics and work integrity	02.00 01.00	2 1	17.00 16.25	02.00 01.00	S1 18/19 S1 18/19	16.75

Obtained credits in semester 3: 10.47

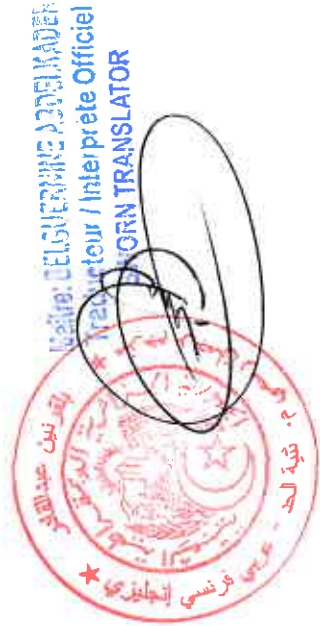
Obtained credits in semester 3: 30.00

Session of semester 3: S2

al credits obtained during course: 90.00

On: July 23<sup>rd</sup> 2019

The Vice-Dean



**Round stamp:** University Hassiba BEN BOUALI – CHLEF / Faculty of exact sciences and computing / Vice-Dean in charge of studies and Issues related to students  
**Personal stamp:** Vice-Dean in charge of studies and Issues related to students / D. MOUKAFI Mohamed (Signed: Illegible).

