



Kick-Off Meeting

Tallinn

18-19 February 2019

**New Curricula in
Precision Agriculture
Using GIS Technologies
and Sensing Data**

**ABDELHAMID IBN BADIS UNIVERSITY,
Mostaganem, ALGERIA**



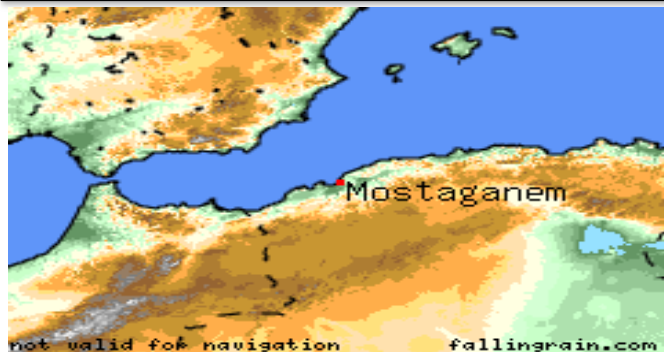
Co-funded by the
Erasmus+ Programme
of the European Union

Joint Project: Capacity Building in the Field
of Higher Education ERASMUS+ 2018

Prof. Hadjira BENOUDNINE

Short History of UMAB University

Abdelhamid Ibn Badis University, Mostaganem (UMAB), Algeria is a public and multidisciplinary university based in Mostaganem City, northwestern Algeria.



Short History of UMAB University

9 faculties + 1 institute of Sports

UMAB was founded as university in 1978

7 campuses + 3 experimental farms

Undergraduate and graduate studies
(73 bachelor programs and 106 master's programs)

Postgraduate Studies
(61 specialties)

Research
(42 Laboratories)

Entrepreneurship

Life-long-learning



Short History of UMAB University

For **2018-2019**, the total number of subscribed students at UMAB is **30000**, where **1676** are PHD students

UMAB was founded as university in **1978**

1374 Professors
1254 administration and service staff

Undergraduate and graduate studies
(73 bachelor programs and 106 master's programs)

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(61 specialties)

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UMAB University organization

**Abdelhamid Ibn Badis University,
Mostaganem**

**Vice Rectorate
of Postgraduate Higher
Education, University
Empowerment and
Scientific Research, and
post graduate graduate
training**

**Vice-Rectorate
of Higher and
Undergraduate Education,
Continuing Education and
Diplomas, and Post
Graduate Education**

**Vice Rectorate
of Foreign Relations,
Cooperation, Animation
and Communication,
and Scientific Events**

**Vice Rectorate
of Development,
Foresight and
Guidance**

Faculties

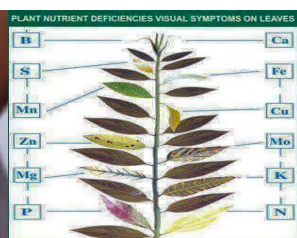
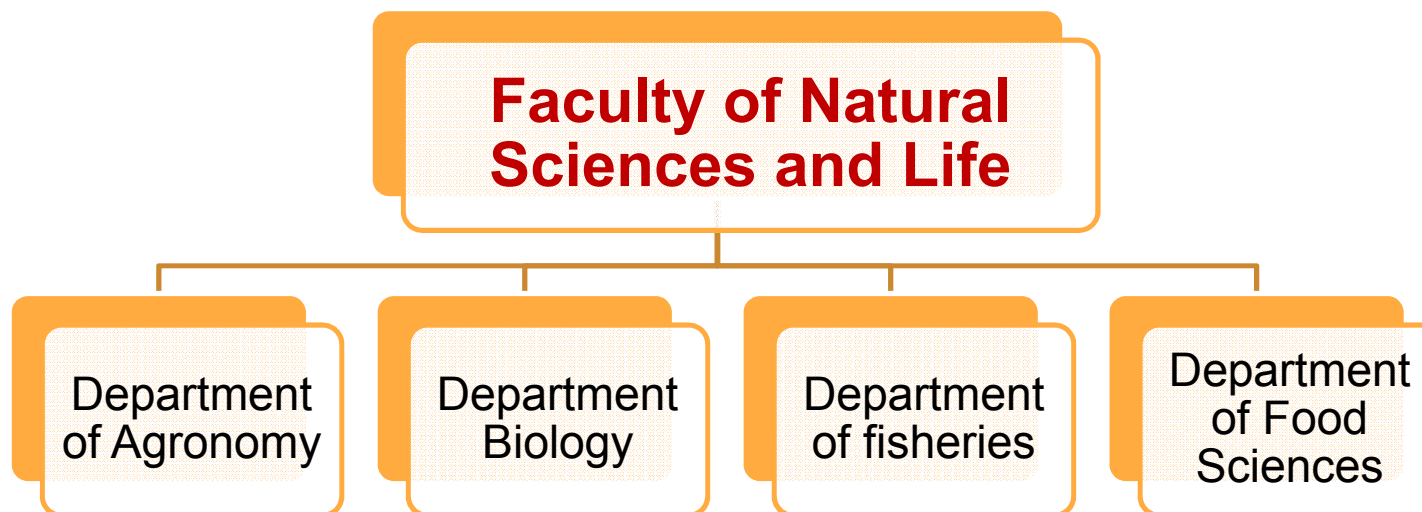
1-Sciences and Technologies
2- Mathematics and computer sciences
3- Natural Sciences and Life
4-Medicine
5- Letters and Arts,

6-Management, commercials' sciences and
Economics,
7-Foreign Languages,
8-Law and Political Sciences,
9- Socials Sciences,
10- Institute of Physical Education and
Sports

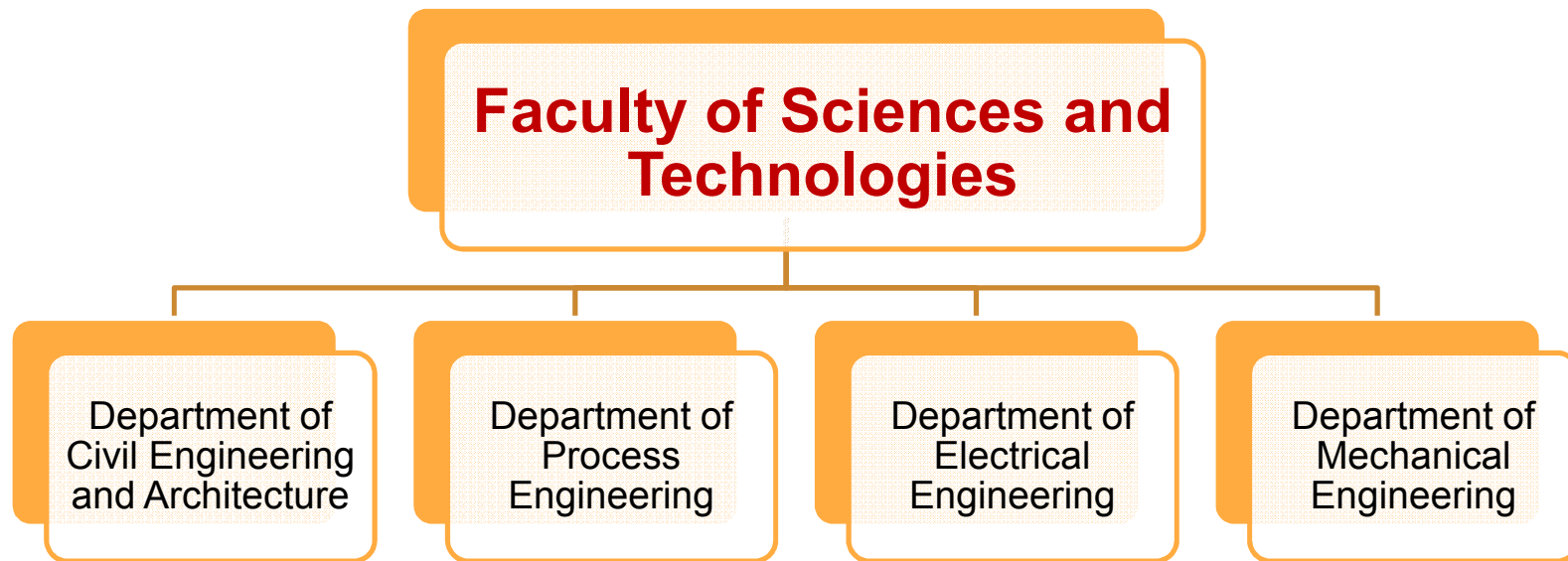


UNIVERSITE
Abdelhamid Ibn Badis
MOSTAGANEM

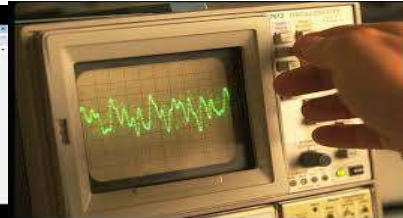
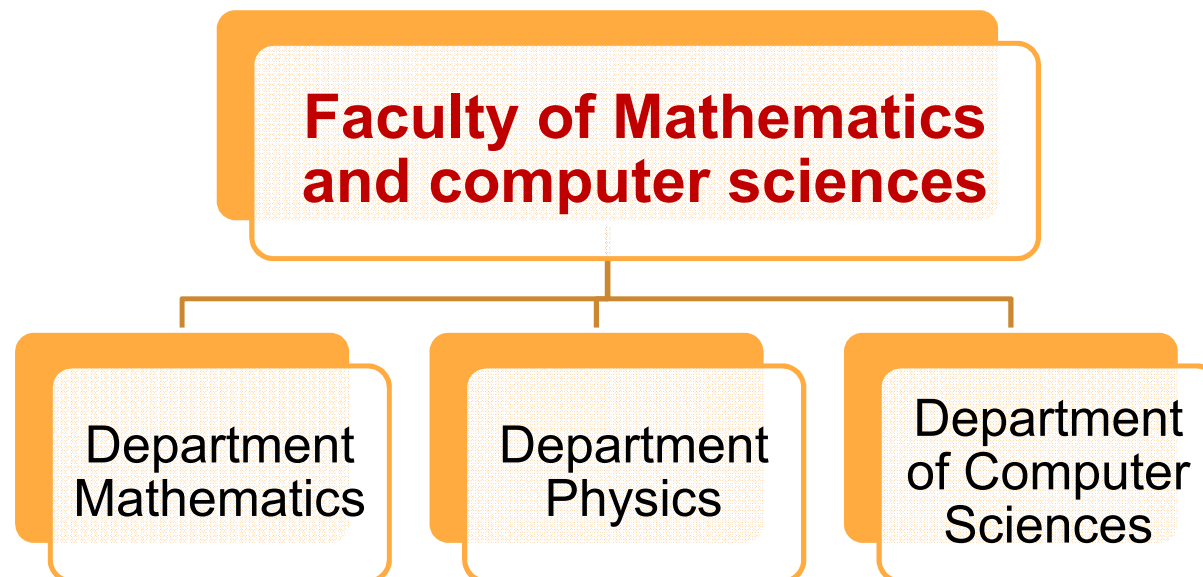
Faculties Participating in the Project



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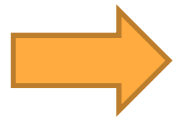
Faculty of Natural Sciences and Life



Mostaganem is an agricultural training center

8 Laboratories

Three experimental farms



Need to modernize the agronomic training program

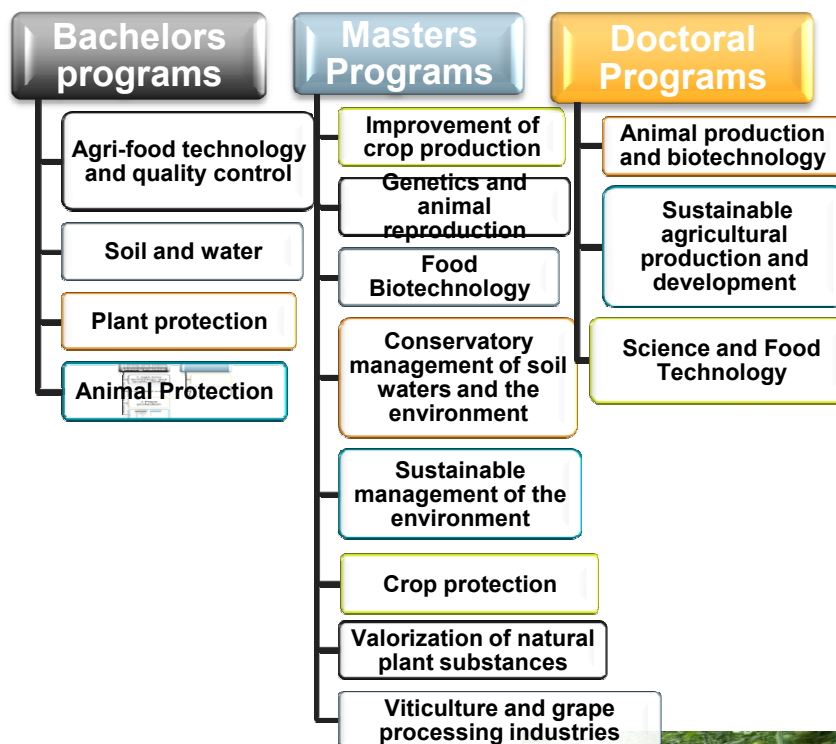


Academic staff =80:
-14 Professors,
-25 Associates professors,
- 41 lecturers,
-11 assistants professors)



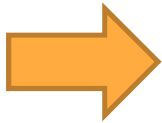
BA/MA Programs Offered by the Faculty

UMAB is fully integrated into the Bologna process to establish a large harmonized area of higher education in Algeria



Curricula/Modules Studied in the BA/MA Programs to Upgrade

Harmonization of programs by the Ministry of Higher Education



New Master program in Precision Agriculture Technologies

New Curricula/Modules for BA/MA Programs

Draft program

- Remote Sensing and Application of Earth and Environment
- The processing of satellite images with agronomic applications
- Global Navigation Satellite Systems
- Sensors and the management parameters (quantity and quality) of the crops
- Web technologies (Agro SDI, Geo-portals, Geo-services, Geo-analytical
- Management Marketing and Decision Making in Precision Agriculture

Work Group of the Project CUPAGIS

01	Pr. Benoudnine hadjira	Coordinator of the CUPAGIS project	Vice recteur
02	Dr. Labdaoui Djamel	Responsable of projet	
03	Pr. Ghaffour Med	Administratif staff of SNV faculty	
03	Tamddi Samira	Administratif staff of the Rectorate	
04	Students	Labdaoui med zine eddine Houna maha	
05	Dr Ghoulem llah amine	Academic staff	
06	Pr. Reguieg yassad larbi	Academic staff	
07	Pr.Mehiout djamel	Academic staff	
08	Pr.Belgat sassi	Academic staff	
09	Pr.Larid Mohammed	Academic staff	
10	DrABED Mansour	Academic staff	
11	Dr BEKLAOUZ Larbi	Academic staff	

Work Plan of the University

Ref.nr/ Sub-ref nr	Activities Title	Start	End
1.1 Prep.	Review of the current curricula for BA/MSc in target area in PC HEIs. Guideline and plan for revising existing courses	15.11.2018	30.04.2019
1.2 Prep.	Agreement on instructional strategy and guidelines for BA/MSc curricula design including the use of new Educational Technologies	15.11.2018	31.03.2019
2.1 Dev.	a) Prepare a set of new core curricula and transferable modules inclusive innovative teaching/ learning facilities; develop syllabi; b) adopt on institutional level c) accredit on national level	a) 01.12.2018 b) 01.10.2019 c) 01.10.2020	a) 31.03.2020 b) 31.05.2020 c) 31.08.2021
2.2 Dev.	A) Prepare a set of documentation for PAGIS and VCR; B) purchase the equipment incl. software; install the equipment	a) 01.02.2019 b) 01.03.2019	a)30.09.2019 b)31.05.2020
2.3 Dev.	a) Casting criteria for participants and retraining program for academic teachers. b) Retrain academic teachers in new curricula using innovative teaching/ learning facilities and agreed instructional strategies	a)01.01.2019 b)01.09.2019	a)31.03.2019 b)31.08.2020
2.4 Dev.	To update the current BA/MSc curricula/create updated programs in the target area according to the Bologna requirements and the new developments	01.04.2019	30.09.2020
2.5	a)Master Classes in new curricula	a) 01.09.2020	a)30.05.2021



Thank you for you attention!



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