

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

**UNIVERSITY OF M'HAMED
BOUGARA BOUMERDES**



UNIVERSITY GUIDE



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Colonel Si M'hamed, whose real name BOUGARA Ahmed was born on December 2, 1928 in Khemis Miliana into a modest family. He joined primary school where he learned the French language and also the Koranic school where he was introduced to the Arabic language and the Koran. At a very young age, he was active in the Algerian Muslim Scouts, and was an activist in the National Movement (PPA), which led him to know the prisons of colonialism very early on.

At the age of 17, he was arrested for the first time after the popular uprising of May 8, 1945. At the end of the Second World War, (1946) Si M'hamed, went to the University of Zitouna in Tunisia to follow his studies. On his return from Tunisia (1947), he joined the Professional Training Center of Kouba where he obtained a diploma in electricity and worked as a railway worker for some time. During this period, he continued to be an activist within the National Movement (PPA/MTLD) and for his qualities of dynamism, courage and commitment; he was chosen to be part of the Special Organization (OS) of the party.

After the dismantling of the O.S in 1950, he was arrested a second time. After two years of imprisonment, he was provisionally released with a ban on staying in his department. He resumed his activities as an underground activist, notably in Algiers, Belcourt, until the outbreak of November 1, 1954.

After the outbreak of November 1, 1954, Si M'hamed was in charge of propaganda and political organization, of the populations of the center whom he knew well, particularly in the regions of Chlef, Zaccar, Amrouna and Téniet el Had, in order to carry out a penetration action, to explain the objectives of November 1, 1954, and to mobilize rural areas. The objective was to recruit men, collect money and arms, and prepare safe havens for the A.L.N.

At the end of the year 1955, Si M'Hamed was a member of a council composed of 04 members which directs the central zone called Zone IV; he was one of the representatives at the Soummam Congress in August 1956.

He was known for his courage and leadership skills, so he gradually became commander of the Fourth Wilaya, from April 1957 to May 1959.

Side panels He died on May 5, 1959 during the great battle that he himself led near the village "Ouled Bouachra" in the wilaya of Médéa.



PRESENTATION OF THE UNIVERSITY M'HAMED BOUGARA OF BOUMERDES

M'Hamed BOUGARA University of Boumerdes was created in 1998 by Executive Decree No. 98-189 of June 02, 1998 on the basis of the consolidation of six (6) National Institutes whose creation dates back to the 60s-70s and 80s (National Institute of Hydrocarbons and Chemistry (**INH**C), National Institute of Electricity and Electronics (**INE**LEC), National Institute of Mechanical Engineering (**ING**M), National Institute of Building Materials (INMC), National Institute of Manufacturing Industries (**IN**IM) and National Institute of Food Industries (**IN**IA)).

In parallel with the training inherited from these former national institutes, the University has opened, since its creation, other courses in Science and Technology, Nature and Life Sciences, Economics and Management Sciences, Commercial Sciences, Law and Language and Foreign Literature in the classical system.

The LMD system, introduced since the 2004/2005 academic year, has nine (9) areas:

- **Sciences and Technology (ST)**
- **Sciences of Matter (SM)**
- **Mathematics and Computing (MC)**
- **Natural and Life Sciences (NLS)**
- **Economics, Management and Trade Sciences (EMTS)**
- **Law and Political Science (LPS)**
- **Letters and Foreign Languages (LFL)**
- **Sciences and Techniques of Physical and Sports Activities (STPSA)**
- **Arabic Language and Literature(ALL)**

Each domain includes at least one sector.

[A new state engineer course, introduced from the year2022/2023, and medical training for the year 2023/2024.](#)

[A bachelor's degree course in Automotive Construction Engineering is added from the year 2024/2025.](#)

In the field of Higher Education and Scientific Research, the University's mission is to:

- The training of executives necessary for the economic, social and cultural development of the country.
- Introducing students to research methods and promoting training through and for research.
- The contribution to the production and generalized dissemination of knowledge and knowledge, to their acquisition and development.

HISTORY

1964 CREATION OF THE AFRICAN CENTER FOR HYDROCARBONS AND TEXTILE (CAHT) (Under the supervision of the Ministry of Industry and Energy)

1973 RESTRUCTURING OF THE CAHT INTO TWO NATIONAL INSTITUTES (under supervision of the Ministry of Industry and Energy)

- INHC: National Institute of Hydrocarbons and Chemistry
- INIL: National Institute of Light Industries

1980 CREATION OF INELEC AND INGM (Under the supervision of the Ministry of Industry heavy)

- INELEC: National Institute of Electricity and Electronics
- INGM: National Institute of Mechanical Engineering

1983 EXERCISE OF THE PEDAGOGICAL SUPERVISION OF THE MESRS OVERTHE WHOLENATIONAL INSTITUTES

Executive Decree No. 83-363 of May 28, 1983

1987 RESTRUCTURING OF INIL INTO THREE INSTITUTES

- INMC: National Institute of Building Materials
- INIM: National Institute of Manufacturing Industries
- INIA: National Institute of Food Industries

1998 CREATION OF THE UNIVERSITY

Executive decree n°98-189 of June 02, 1998 on the basis of the grouping of the six Following National Institutes: INHC, INIM, INMC, INIA, INELEC, and INGM.

1998 CREATION OF THE THREE FACULTIES (FACULTY OF SCIENCES, FACULTY OF ENGINEERING SCIENCES, FACULTY OF HYDROCARBONS AND CHEMISTRY)

Decree n°98-395 of December 02, 1998

2002 CREATION OF THE FACULTY OF LAW AND TRADE SCIENCES

Decree No. 02-109 of April 3, 2002

2004 INTERMINISTERIAL ORDERS

Interministerial decree of August 24, 2004 establishing the administrative organization of the rectorate, faculty, institute, annex of the university and its services common.

2004 MODIFICATION OF THE DECREE OF CREATION OF THE UNIVERSITY

Executive decree n°04-253 of August 29, 2004 amending and supplementing the executive decreen°98-189 of June 02, 1998 establishing the university: the faculties composing the University of Boumerdes are: faculty of sciences, faculty of sciences of engineer, faculty of hydrocarbons and chemistry, faculty of law and trade sciences.

2006 CREATION OF THE FACULTY OF LAW AND THE FACULTY OF ECONOMICS, MANAGEMENT SCIENCES AND TRADE SCIENCES

Executive Decree No. 06-270 of August 16, 2006 amending and supplementing Executive Decree No. 98-189 of June 2, 1998 with the creation of two other faculties: the Faculty of Law and the Faculty of Economic, Trade and Management Sciences.

2010 MODIFICATION OF THE DECREE OF CREATION OF THE UNIVERSITY: CREATION OF THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERING

Executive Decree No. 10-15 of January 12, 2010 amending and supplementing Executive Decree No. 98-189 of June 02, 1998, establishing the university, in accordance with the provisions of Article 3 of Executive Decree No. 03-279 of August 23, 2003: the number and the vocation of the faculties and the institute composing the University of Boumerdes are fixed as follows (faculty of sciences, faculty of engineering sciences, faculty of hydrocarbons and chemistry, faculty of Law, Faculty of Economic, Trade and Management Sciences and Institute of Electrical and Electronic Engineering).

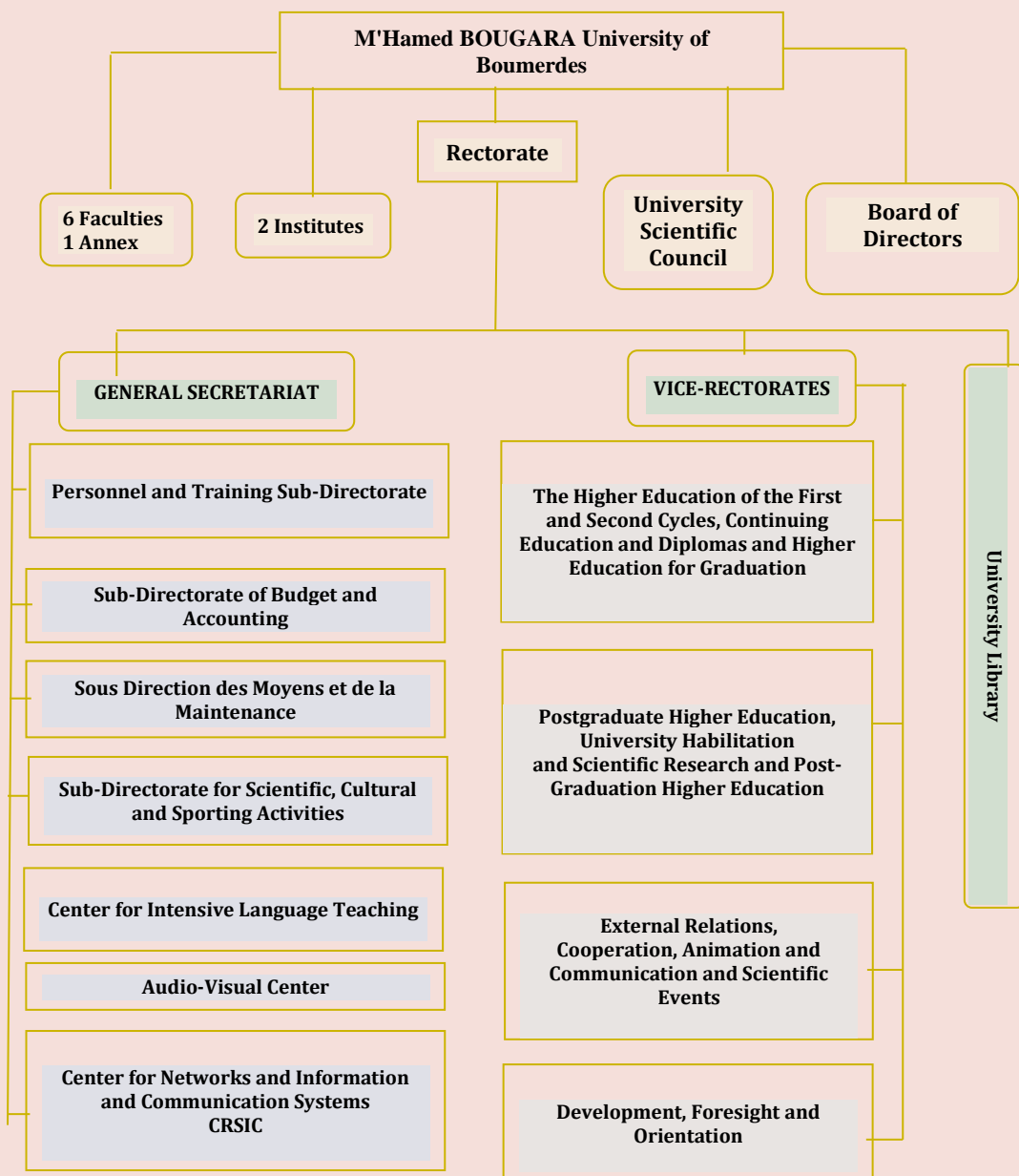
2019 AMENDMENT TO THE DECREE OF CREATION OF THE UNIVERSITY: CREATION OF THE FACULTY OF LETTERS AND LANGUAGES

Executive Decree No. 19-204 of July 18, 2019 amending and supplementing Executive Decree No. 98-189 of June 02, 1998, creating the University, in accordance with the provisions of Article 3 of Executive Decree No. 03-279 of August 23, 2003: the number and the vocation of the faculties and the institute composing the University of Boumerdes are fixed as follows (faculty of sciences, faculty of technology, faculty of hydrocarbons and chemistry, Faculty of Economic, Trade and Management Sciences, Faculty of Law and Political Science, Faculty of Letters and Languages and Institute of Electrical and Electronic Engineering).

2022 AMENDMENT TO THE UNIVERSITY CREATION DECREE: CREATION OF THE INSTITUTE OF APPLIED SCIENCES AND TECHNOLOGY

Executive Decree No. 22-118 of March 17, 2022 amending and supplementing Executive Decree No. 98-189 of June 02, 1998, establishing the university, the number and vocation of the faculties and institutes composing the university of Boumerdes are set as follows (faculty of science, faculty of technology, faculty of hydrocarbons and chemistry, Faculty of Economic, Trade and Management Sciences, faculty of law and political science, faculty of letters and languages, Institute of Electrical and Electronic Engineering and Institute of Applied Sciences and Techniques).

UNIVERSITY ORGANIGRAM



06 Faculties and 02 Institutes and 1Annex

Faculty of Sciences (South Campus)

Chemistry

Physics

Mathematics

Computer science

Biology

Agronomy

Sciences and Techniques of
Physical and Sports Activities

Medical Annex

Faculty of Technology (West Campus)

Process Engineering

Civil Engineering

Mechanical Engineering

Electrical Systems

Faculty of Hydrocarbons and Chemistry (North Campus)

Earthquake Engineering and Random Phenomena

Mining and Oil Fields

Hydrocarbons Transportation and Equipements

Chemical and Pharmaceutical
ProcessEngineering

Process Automation and Electrification

Hydrocarbons Economy and Commercialization

Faculty of Economic, Trade and Management Sciences (North Campus)

Management Science

Trade Sciences

Economic Science

Finance and Accounting

Faculty of Law and Political Science (Boudouaou Campus)

Public Law

Private Law

Political Science

Faculty of Letters and Languages (Boudouaou Campus)

Arabic language

French language

English language

Institute of Electrical and Electronic Engineering (Center Campus)

Fundamental Teaching

Electronics

Power and Control

Institute of Applied Sciences and Techniques (North Campus)

Metrology and Quality

GRADUATION TRAINING

A. TRAININGS IN LMD SYSTEM

FACULTY OF SCIENCES (FS)

BACHELORS DEGREES

Training Areas	Branch	Specialty (Options)
Science of Matter (SM)	Physics	- Material Physics (A) - Radiation Physics (A) - Energetic Physics (A) - Fundamental Physics (A)
	Chemistry	- Materials Chemistry (A) - Organic Chemistry (A) - Analytical Chemistry (A)
Mathematics and Computing (MC)	Mathematics	- Mathematics (A)
	Applied Mathematics	- Applied Mathematics (A)
		- Data Science (national recruitment specialty)(P)
	Computing	- Engineering of Information Systems and Software (A) - Computer Systems (A) - Web Development and Computer Graphics (national recruitment specialty) (P)
Nature and Life Science (NLS)	Agricultural Sciences	- Plant Protection (A) - Vegetable Production (A) - Animal Production (A)
	Biotechnology	- Biotechnology and Health (A) - Microbial Biotechnology (A) - Plant Biotechnology and Improvement of Plants (A)
	Food Science	- Food Technology and Food Control Quality (A)
	Biological Sciences	- Biochemistry (A) - Biology of Organisms (A) - Biology and Animal Physiology (A) - Molecular Biology (A)
	Ecology and Environment	- Agroecology (A) - Ecology and Environment (A)
Sciences and Techniques of Physical and Sports' Activities (STPSA)	Physical Education and Sport Activities	- Education and Motricity (A)
	Sport Training	- Competitive Sports Training (A)

MASTERS DEGREES

Training Areas	Branch	Specialty (Options)
Science of Matter (SM)	Chemistry	<ul style="list-style-type: none"> - Materials Chemistry (A) - Pharmaceutical Chemistry (A) - Environmental Chemistry (A) - Analytical Chemistry (A) - Organic Chemistry (A)
	Physics	<ul style="list-style-type: none"> - Materials Physics (A) - Energy Physics and Renewable Energies (A) - Medical Physics (P)
Mathematics and Computing (MC)	Computing	<ul style="list-style-type: none"> - Software Engineering and Data Processing (A) - Distributed Information Systems (P) - Information Technology (P) - Applied artificial intelligence(P)
	Mathematics	- Mathematical Analysis (A)
	Applied Mathematics	<ul style="list-style-type: none"> - Financial Mathematics (A) - Stochastic and Statistical Modeling (A) - Operational Research: Optimization and Strategic Management (A) - Cryptography and Cyber Security (P)
Natural and Life Sciences (NLS)	Biotechnology	<ul style="list-style-type: none"> - Biotechnology and Molecular Pathology (A) - Microbial Biotechnology (A) - Plant Biotechnology (A)
	Ecology and Environment	<ul style="list-style-type: none"> - Agroenvironment and Bio-Indicators (A) - Biodiversity and Environment (A) - Ecology and Microbial (A)
	Agricultural Sciences	<ul style="list-style-type: none"> - Phytopharmacy and Plant Protection (A) - Animal Production and Nutrition (A) - Vegetable Production (A) - Phytopathology (A)
	Food Science	- Nutrition and Food Sciences (A)
	Biological Sciences	<ul style="list-style-type: none"> - Applied Biochemistry (A) - Biology of Populations and Organisms (A) - Genetics (A) - Cell Physiology and Physiopathology (A) - Molecular and Cellular Biology (A)
Science and Techniques of Physical and Sports Activities (STPSA)	Physical Education and Sport Activities	- School Physical and Sports Activity (A)
	Sport Training	- Elite Sports Training (A)

FACULTY OF TECHNOLOGY (FT)

BACHELORS DEGREES

Training Area	Branch	Specialty (Options)
Sciences and Technology (ST)	Automatic	- Automatic (A)
	Electronic	- Embedded Systems Electronics(A)
	Electrotechnic	- Electrical Machines(A)
	Mechanical Engineering	- Mechanical Construction (A) - Energetic (A) - Materials Engineering (A) -Automotive Engineering (National Recruitment Specialty)(A)
	Civil Engineering	- Civil Engineering (A)
	Industrial Engineering	- Industrial Engineering (A)
	Process Engineering	- Process Engineering
	Electromechanical	- Electromechanical (A) - Industrial Maintenance (A)
	Industrial hygiene and safety	- Industrial hygiene and safety(A)
	Biomedical Engineering	- Biomedical Engineering(A)
	Telecommunications	- Telecommunications(A)

MASTERS DEGREES

Training Area	Branch	Specialty (Options)
Sciences and Technology (ST)	Automatic	- Automation and Industrial Computing (A)
	Electronic	- Electronics of Embedded Systems (A)
	Electrotechnic	- Electric machines (A)
	Mechanical Engineering	- Mechanical Construction (A) - Energetics (A) - Mechanical and Production Manufacturing (A) - Materials Engineering (A) - Energy Installations and Turbo machinery (A) - Metal and boiler installations (P) - Maintenance Engineering (P) - Renewable Energies in Mechanics (A)
	Civil Engineering	- Geotechnic (A) - Materials in Civil Engineering (A) - Structures (A) - Structures and Buildings (P)
	Industrial Engineering	- Industrial Engineering (A)
	Process Engineering	- Food Engineering (A) - Chemical Engineering (A) - Polymer Engineering (A) - Materials Process Engineering (A) - Environmental Engineering (A) - Engineering and Water Management (A)

	Electromechanics	- Electro mechanics (A) - Industrial Maintenance (A) - Mechatronics(A)
	Industrial hygiene and safety	- Industrial hygiene and safety (A)
	Biomedical Engineering	- Biomedical Instruments (A)
	Telecommunications	- Networks and Telecommunications (A)

MASTER WITH INTEGRATED BACHELOR'S DEGREE CURRICULUM (MIDC)

Sciences and Technology (ST)	Automatic	Training Sector
		- Automation (MIDC)
	Electromechanical	- Mechatronics Engineering (MIDC)

FACULTY OF HYDROCARBONS AND CHEMISTRY (FHC)

BACHELORS DEGREES

Training Area	Branch	Specialty (Options)
Sciences and Technology (ST)	Hydrocarbons (National recruitment field)	- Mechanical Engineering: • Mechanics of Petrochemical Units (A) • Oil field Mechanic (A) • Transportation of Hydrocarbons (A) - Geophysics: • Seismic Geophysics (A) - Petroleum Engineering: • Production of Hydrocarbons (A) • Drilling of Hydrocarbon Wells (A) - Applied Geosciences: • Mineral and Energy Resources (A) - Economy of Hydrocarbons: • Petroleum Economics (A) - Automatisisation of Industrial Processes: • Automatic Command (A) - Electrical Engineering: • Industrial Electricity (A) - Process Engineering (A) - Technologies and Processing of Oil and Gas (P)

MASTERS DEGREES

Training Area	Branch	Specialty (Options)
Sciences and Technology (ST)	Hydrocarbons (National Recruitment field)	Mechanical Engineering • Transportation and Distribution of Hydrocarbons (A) • Mechanic Oilfield (A) • Mechanics of Petrochemical Units (A) - Petroleum Geology (A) - Petroleum Geophysics (A) - Economy of Hydrocarbons (A) - Petroleum Engineering: • Hydrocarbons Production (A) • Wells Drilling (A) - Automation of Industrial Processes • Automatic Command (A) - Electrical Engineering: • Industrial Electricity (A) - Process Engineering • Refining (A) • Petrochemical Technology (A) - Instrumentation in the Petrochemical Industry (A) - Health Safety Environment (A)

FACULTY OF ECONOMIC, TRADE AND MANAGEMENT SCIENCES

BACHELORS DEGREES

Training Area	Branch	Specialty (Options)
Economics, Management and Trade Sciences (EMTS)	Trade Sciences	-Marketing (A) -Digital Marketing (A) - International Trade and Logistics (A)
	Management Sciences	-Entrepreneurship (A) -Management (A) -Financial Management (A)
	Economics Sciences	-Quantitative Economics (A) -Monetary and Financial Economics (A) -Economics and Business Management (A)
	Financial Sciences and Accounting	- Accounting(A) - Finance (A)

MASTERS DEGREES

Training Area	Branch	Specialty (Options)
Economics, Management and Trade Sciences (EMTS)	Trade Sciences	- Finance and International Trade (A) - Service Marketing (A) - Digital Marketing(A)
	Management Sciences	- Management (A) - Public Management (A)

		- Financial Management (A)
	Economics sciences	-Quantitative Economics (A) -International Economy (A) -Economics and Management of Companies (A) - Monetary and Financial Economy (A)
	Financial Sciences and Accounting	-Accounting and Audit (A) -Thorough Accounting and Taxation (A) -Banking and Insurance Finance (A) -Corporation Finances (A)

FACULTY OF LAW AND POLITICAL SCIENCE (FLPS)

BACHELOR'S DEGREES

Training Area	Branch	Specialty (Options)
Law and Political Science (LPS)	Law	- Public Law (A) - Private Law (A)
	Political Sciences	- International Relations (A) - Political and Administrative Organizations(A)

MASTERSDEGREES

Training Area	Branch	Specialty (Options)
Law and Political Sciences(LPS)	Law	- Public Law (A) - Private Law (A) - Business Law (A)
	Political Sciences	- Local Administration (A) - International Cooperation (A)

FACULTY OF LETTERS AND LANGUAGES (FLL)

BACHELORS DEGREES

Training Areas	Branch	Specialty (Options)
Arabic Language and Literature (ALL)	Critical Studies	- Critic and Methods (A)
	Linguistic Studies	-General linguistics (A)
	Literary Studies	- Arabic Literature (A)
Letters and Foreign Languages (LFL)	English Language	- English language (A)
	French Language	- French language A)

MASTERSDEGREES

Training Areas	Branch	Specialty (Options)
Arabic Language and Literature (ALL)	Linguistics Studies	- General linguistics (A)
	Literary Studies	- Ancient Arabic Literature (A)
	Critical Studies	Modern and Contemporary Criticism (A)
Letters and Foreign Languages (FLLE)	English Language	- Literature and Civilizations (A) - Language Sciences(A)
	French Language	- Literature and Civilizations (A) - Language Sciences (A) - Didactics of Foreign Languages (A)

INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERING (IEEE)
(TEACHING IN ENGLISH)

BACHELORDEGREE

Training Area	Branch	Specialty (Option)
Sciences and Technology(ST)	Electronics (National Recruitment field)	-Electrical and Electronic Engineering (A)

MASTERSDEGREES

Training Area	Branch	Specialty (Option)
Sciences and Technologies (ST)	Automatics	- Automatics (A)
	Electrotechnics	- Electrotechnics (A)
	Electronics	- computer Engineering (A)
	Telecommunications	- Telecommunications (A)

INSTITUTE OF APPLIED SCIENCE AND TECHNOLOGY (IAST)

BACHELORDEGREE

Training Area	Branch	Specialty (Option)
Sciences and Technology (ST)	Optics and Precision Mechanics (National Recruitment field)	- Measurements, Metrology and Quality (P)

MASTERSDEGREES

Training Area	Branch	Specialty (Option)
Sciences and Technology (ST)	Optics and Precision Mechanics (National Recruitment field)	- Metrology and Quality (P)

(A): Academic; (P): Professional

B. STATE ENGINEER TRAINING

Faculty	Training areas	Branch	Speciality (Option)
Faculty of Hydrocarbons and Chemistry (FHC)	Sciences and Technologies (ST)	Hydrocarbons	Reservoir Engineering
		Process Engineering	Formulation Engineering
Faculty of Technology	Sciences and Technologies (ST)	Mechanical Engineering	Design Of Mechanical Systems And Structures
			Mechanical Engineering
		Process Engineering	
		Civil Engineering	
Faculty of Sciences	Electrical Engineering		
	Mathématiques Computing	Computing	Software Engineering
	Natural and Life Sciences	Agricultural Sciences	Agricultural Sciences

C. TRAINING IN MEDICAL SCIENCES

Boumerdès Annex	Training areas	Branch	Speciality (Option)
	Medical training	Medicine	Medicine

POST-GRADUATION TRAINING

Doctorate (3rd Cycle): Accessible to candidates holding, in addition to the baccalaureate diploma, the license diploma, the master's degree or the State Engineer Diploma, or the architect's diploma or the veterinary doctor's diploma and the diploma sanctioning a training course whose duration is fixed at five (05) years provided by the higher education colleges (ENS), or foreign diplomas recognized as equivalent.

Algerian students holding, in addition to the baccalaureate diploma, a license diploma, a master's degree, or foreign diplomas recognized as equivalent with, at least, the mention "fairly good" can register directly in third-cycle training.

The educational places dedicated to this category of students are outside the quota of educational places set in the training offer.

3rd Cycle Doctorate

• Faculty of Sciences

Computer Science, Chemistry, Physics, Educational Physical and Sports Activity, Sports Training, Biology, Biological Sciences, Agricultural Sciences, Biotechnology, Mathematics.

• Faculty of Technology

Process Engineering, Mechanical Engineering, Materials Science and Engineering, Environmental Engineering, Renewable Energy, Civil Engineering, Electro mechanics, Biomedical Engineering, Energy, Telecommunications, Electronics, Industrial Engineering.

• Faculty of Hydrocarbons and Chemistry

Hydrocarbons (Mechanical Engineering, Mechanical Engineering: Transport and Distribution of Hydrocarbons, Petroleum Geophysics, Petroleum Geosciences, Geophysics, Automatic Control, Industrial Electricity, Well Drilling, Petroleum Engineering Hydrocarbon Production, Process Engineering: refining, Process Engineering: Petrochemical Technology, Petroleum Geology), Electrical Engineering, Process Engineering, Petrochemical Industries.

• Faculty of Economic, Trade and Management Sciences

- Economics Sciences, Management Sciences, Commercial Sciences, Financial Sciences and Accounting.

• Faculty of Law and Political Science

- Law, Political Science.

• Faculty of Letters and Languages

- Literary Linguistic Studies, Linguistic Studies, Literary Studies, French, English, English Language, Critical Studies.

• Institute of Electrical and Electronic Engineering (Teaching in English)

- Electrical Engineering, Automation, Electronics, Electro techniques, Telecommunications.

SCIENTIFIC RESEARCH

- **1 Research Unit:** Materials, Processes and Environment
- **1 Research Laboratory of Excellence:** Signals and Systems
- **27 Research Laboratories.**

✓ FACULTY OF SCIENCES

- 1 Computer Modeling, Optimization and Electronic Systems
- 2 Soft Technologies, Valorization, Physico-Chemistry of Biological Materials and Biodiversity
- 3 Conservation and Valorization of Biological Resources
- 4 Biodiversity, Biotechnology, Environment and Sustainable Development
- 5 Bioinformatics and Applied Microbiology and Biomolecules
- 6 Applied Chemistry and Materials

✓ FACULTY OF TECHNOLOGY

- 7 Energetics, Mechanics and Engineering
- 8 Solid Mechanics and Systems
- 9 Coatings, Materials and Environment
- 10 Food Technology
- 11 Motor Dynamics and Vibroacoustics
- 12 Processing and Shaping of Fibrous Polymers
- 13 Systems Engineering and Telecommunications

✓ FACULTY OF HYDROCARBONS AND CHEMISTRY

- 14 Physics Engineering of Hydrocarbon
- 15 Hydrocarbon Technology
- 16 Earth Physics
- 17 Petrochemical Synthesis
- 18 Reliability of Petroleum Equipment and Materials
- 19 Electrification of Industrial Companies
- 20 Automatic Applied
- 21 Mineral and Energy Resources

✓ FACULTY OF ECONOMIC, TRADE AND MANAGEMENT SCIENCES

- 22 Future of the Algerian Economy Outside Hydrocarbons
- 23 Performance of Algerian Economic Companies in the Framework of dynamics International Economic
- 24 Financing of the Development of the Algerian Economy

✓ FACULTY OF LAW AND POLITICAL SCIENCE

- 25 Political and International Studies
- 26 Legal Mechanisms for a Sustainable development

✓ FACULTY OF LETTERS AND LANGUAGES

- 27 Technolects in academia, training engineering, pedagogical engineering and design of didactic tools in national and foreign languages

1. **123** University training research projects (**UTRP**)
2. **09** Research project in the framework of national programs scientific research and development "**RPFNPSRDT**" technology
3. **01** Thematic Research Project.

NATIONAL AND INTERNATIONAL PROJECTS AND CONVENTIONS

A- COOPERATION RELATIONS AT THE NATIONAL LEVEL:

The M'hamed BOUGARA University of Boumerdes maintains regular relations with other higher education establishments and the socio-economic sector. The number of national conventions signed to date stands at 98.

A. National Conventions (98)

1-Universities

- 1-Houari Boumediene University of Science and Technology (**USTHB**)
- 2-Hassiba Ben Bouali University of Chlef (**UHBB**)
- 3-Mouloud Mammeri University of Tizi-Ouzou (**UMMTO**)
- 4-University of Yahia Fares of Medea (**UYFM**)
- 5-Amar Telidji University of Laghouat (**UATL**)
- 6-Mohamed Khider University of Biskra (**UMKB**)
- 7-Ibn Khaldoun University of Tiaret (**UIKT**)
- 8-Colonel Akli Mohand Oulhadj University of Bouira (**UB**)
- 9-University of Algiers 1
- 10-Abderrahmane Mira University of Béjaïa.
- 11-AbouBekr Belkaid University of Tlemcen
- 12-Badji Mokhtar-Annaba University (**UBMA**)
- 13-Mentouri Constantine University (**UFMC**)
- 14-Kasdi Merbah University of Ouargla (**UKMO.**)
- 15-Amine Elokkel El Hadj Moussa Eg Akhamouk University of Tamanrasset (**UT**)

2-Schools

- 16-National Polytechnic School of Oran
- 17-Kouba Normal Higher School
- 18-The Territory Air Defence Forces Schools Chahid Ali CHABATI
- 19-Naval High School
- 20-Military Academy of Cherchell « The deceased president Houari Boumediene »
- 21-Management School Algiers - Business School
- 22-Polytechnic Military School of Bordj El Bahri Chahid Taleb-Abderahmane
- 23-National Higher School of Conservation and Restoration of Cultural Property (**CNSCRBC**)
- 24-Higher School of Materials Deceased Moudjahid El-Cheikh Amoud Ben-El Mokhtar-El Harrach (**ESM**).

3-Institutes

- 25.Algerian Petroleum Institute (**IAP**)
- 26.National Institute for Plant Protection (**INPV**)
- 27.National Institute of Productivity and Industrial Development (**INPED**)
- 28.Algerian Institute for Standardization (**IANOR**)
29. Algerian National Institute of Industrial Property (**INAPI**)

- 30. Technical Institute of Livestock **(ITELV)**
- 31. National Institute of Agronomic Research of Algeria **(INRAA)**
- 32. Technical Institute of Field Crops **(ITGC)**
- 33. Technical Institute of Fruit and Vine Arboriculture **(ITAFV)**
- 34. National Institute for Agricultural Extension **(INVA).**

4-Other conventions

- 35. National Youth Employment Support Agency **(ANSEJ)**
- 36. Agency for the Promotion and Rationalization of Energy Use **(APRUE)**
- 37. National Agency for the Valorization of Research and Technological Development Results **(ANVREDET)**
- 38. Research and Development Center - SAIDAL **(CRD-SAIDAL)**
- 39. National Center for Technologies and Consulting **(CNTC)**
- 40. Réghaia Hunting Center - Algiers **(CCR)**
- 41. Agricultural Training and Extension Center **(CFVA)**
- 42. Center for Studies and Technological Services for the Building Materials Industry **(CETIM)**
- 43. Electricity and Gas Research and Development Center **(CREDEG)**
- 44. Center for Scientific and Technical Research in Physico-chemical Analysis **(CRAPC)**
- 45. The Industrial Technology Research Center **(CRTI)**
- 46. National Center for Control and Certification of Seeds and Plants **(CNCC)**
- 47. National Center for Research and Development of Fisheries and Aquaculture-Tipaza
- 48. Department of Fisheries and Fishery Resources - Boumerdès **(DPRHB)**
- 49. Department of Industry, Small and Medium Enterprises and Investment Promotion Boumerdès **(DIPMEPI)**
- 50. National Well Services Company **(ENSP)**
- 51. National Refining Company **(NAFTEC)**
- 52. Public Company for the Manufacture of Parapharmaceutical and Personal Hygiene Products **(SOCOTHYD)**
- 53. CEVITAL Group
- 54. Sonatrach - Pipeline Transport Branch **(TRC-SH)**
- 55. National Company of Electricity and Gas Algiers **(SONELGAZ)**
- 56. Sonatrach - Upstream Activity **(SH)**
- 57. Professional Union of the Automotive and Mechanical Industry **(UPIAM)**
- 58. Algiers Silicon Technologies Development Unit **(UDTS)**
- 59. Sahel Chamber of Commerce and Industry **(CCI Sahel)**
- 60. The Atomic Energy Commission **(COMENA)**
- 61. The High Commission for the Development of the Steppe **(HCDS)**
- 62. SIEMENS Spa
- 63. National Office for Geological and Mining Research **(Epe ORGM spa)**

64. National Well Works Company (**ENTP**)
65. National Drilling Company (**ENAFOR**)
66. The Cement Industrial Group of Algeria (**GICA**)
67. EPE / Divindus Furniture and Metal Construction / spa (**Divindus MCM**)
68. National Geophysical Company (**ENAGEO**)
69. ASEA Brown Boveri (**ABB**)
70. National Employment Agency (**ANEM**)
71. The Textiles and Leather Industrial Group (**GETEX**)
72. Electronics Testing Center (**ETC**)
73. Mojahedin Leadership (**DM**)
74. National Agency for Studies and Monitoring of the Realization of Railway Investments (**ANESRIF**)
75. ATMMobilis
76. The CAPAF Commission of the FCE
77. Sonatrach spa Hydra (**SONATRACH SPA**)
78. Department of Agricultural Services of the Wilaya of Boumerdes (**DSA**)
79. Department of Culture of the Wilaya of Boumerdes (**DC**)
80. Saidal Group (**SAIDAL**)
81. Spa ORFEE Subsidiary of the BCR Group (**Spa ORFEEBCR**)
82. Sarl Biosource (**Biosource**)
83. National Agency for the Development of Hydrocarbon Resources. (**ALNAFT**)
84. National Company for the Marketing and Distribution of Petroleum Products (**NAFTAL SPA**)
85. Major Public and Hydraulic Works Company (**EGTPH**)
86. Department of Health and Population of the Wilaya of Boumerdes (**DSP**)
87. National Union of Algerian Peasants (**UNPA**)
88. Public Establishment of Urban and Suburban Transport of Algiers (**ETUSA**)
89. Directorate of Civil Protection of the Wilaya of Boumerdes (**DPC**)
90. Agency for the Development of PMI and the Promotion of Innovation (**ADMEP**)
91. Radio de Boumerdes (**RB**)
92. Zeralda Hunting Center (**CCZ**)
93. Renewable Energy Development Center (**CDER**)
94. Elsewedy Cables Algeria (**ELSEWEDY**)
95. Central Fuel Directorate (**DCC/MDN**)
96. National Waste Agency (**AND**)
97. National Drilling Company (**ENAFOR**)
98. Agropastoralism Research Center (**CRAPAST**).

B- COOPERATION RELATIONS AT THE INTERNATIONAL LEVEL

International cooperation offers several possibilities for training and/or updating the knowledge of trainers (higher education teachers), the academic mobility of teachers and students, the creation of research and training networks. The list below enumerates all the foreign establishments where relations are maintained to a greater or lesser extent depending on the partner establishment.

C- INTERNATIONAL CONVENTIONS (60) ***(Universities / Schools / Institutes)***

✓ FRANCE

1. University of South Brittany
2. University of Evry Val d'Essonne
3. University of Western Brittany
4. University of Limoges
5. University of Nice - Sophia Antipolis
6. University of Pau and Pays de l'Adour
7. University of Reims Champagne-Ardenne
8. University of Rennes1
9. University of Rouen
10. University of Technology _ Belfort-Montbéliard
11. University of Technology of Compiègne
12. University of Toulon
13. University of Valenciennes and Hainaut-Cambrésis
14. University of Versailles
15. University of Paris Diderot _ Paris7
16. University of Pierre and Marie Curie _ Paris
17. Nantes School of Mines
18. National School of Arts and Crafts _ Paris
19. National School of Industrial Ceramics (ENSCI) _ Limoges
20. National Institute of Applied Sciences of Rennes
21. National Polytechnic Institute Toulouse
22. Polytechnic Institute of Grenoble (GRENOBLE INP)
23. Higher Institute of Mechanics of Paris _ SUPMECA
24. Total Associate Professors, Paris

✓ CANADA

25. University of Quebec in Montreal
26. University of Laval _ Quebec
27. School of Higher Technology

✓ SPAIN

28. University of Alicante

✓ RUSSIA

29. Electro technical University of St. Petersburg
30. Technical University of Saint Petersburg
31. Institution of Higher Professional Education (Moscow State University Of Civil Engineering)
32. St Petersburg State University of Architecture and Civil Engineering
33. St. Petersburg State Transport University
34. *Education Institution of Higher Education "Saint-Petersburg State Institute of Technology "* (SPSIT),

- ✓ **BELGIUM**
- 35. Free University of Brussels
- ✓ **UKRAINE**
- 36. Kharkiv National University of Radio Electronics
- 37. Ivano-Frankovsk National Technical University of Oil and Gas
- ✓ **ITALY**
- 38. University Degli Studi Di Padova (Padua)
- 39. University of "G.d'Annunzio"Chieti-Pescara
- ✓ **MOROCCO**
- 40. Hassan II Casa Blanca University
- 41. National School of Applied Sciences (ENSA) of Safi
- ✓ **IRELAND**
- 42. University of Limerick
- ✓ **TUNISIA**
- 43. University of Monastir
- 44. National Research Institute of Physico-chemical Analysis (Tunisia)
- ✓ **CZECH REPUBLIC**
- 45. Technical University of Ostrava Czech Rep
- ✓ **PORTUGAL**
- 46. University of Porto
- ✓ **SLOVAQUIA**
- 47. Technical University of Zvolen
- ✓ **CHINA**
- 48. Southeast University
- 49. *Guangdong University of Technology*
- 50. *School of Energy and Environmental Engineering, University of Sciences and Technology , Beijing*
- ✓ **USA**
- 51. University of Tennessee Chattanooga
- 52. Halliburton Energy Service Inc
- ✓ **AZERBAIJAN**
- 53. *Azerbaijan State Oil and Industry University*
- ✓ **Mauritania**
- 54. *Modern University - Nouakchott*
- ✓ **Scotland**
- 55. *Edinburgh Napier University*
- ✓ **TÜRKIYE**
- 56. *University of Suleyman Demirel-Isparta*
- 57. *Izmir Katip Çelebi University*
- 58. *Istanbul Medipol University*
- ✓ **QATAR**
- 59. *University of Doha for Science and Technology*
- ✓ **MOZAMBIQUE**
- 60. Eduardo Mondlane University Mozambique

INTERNATIONAL COOPERATION ,INTERNATIONAL PROJECTS

BILATERAL COOPERATION PROJECT

-Algeria – Wallonia-Brussels Programme

- Strengthening of the teaching and research center in bioinformatics at UMBB.

MULTILATERAL COOPERATION PROJECTS

-ERASMUS + PROGRAM: 05 ongoing projects

- **ANL-MED:** The Algerian National Laboratory for Maintenance Education
- **ICM:** International Credit Mobility with Tallinn University (**Estonia**).
- **Erasmus+ Joint Master Degree (JMD)**, Photonics for Security, Reliability and Safety: from instrumentation to data science, **PSRS**.
- **Mobility** within the framework of the Erasmus KA171 program with the University of Ruse, Bulgaria
- **InPROVE:** (The **project is in the sustainability phase**) Initiation of the Process for Validation of acquired experience by Higher Education in Algeria.

-PRIMA PROGRAM: 06 ongoing projects

- **PLANT-B** :A sustainable mixed cropping-beekeeping system in the Mediterranean basin
- **MEDIBEES** : Monitoring of the Mediterranean Honeybee Subspecies and their Resilience to Climate Change for the Improvement of Sustainable Agro-Ecosystems
- **SafeAgroBee** : Preserving the resilience of agroecosystems to climate change through effective pollination and sustainable beekeeping
- **BIOPESTICIDES** : Development of Bio-Pesticides and Herbicides for Sustainable Agricultural Production
- **ASTER** : Agroecology-inspired Strategies and Tools to Enhance Resilience and ecosystem services in tomato crop
- **MEDEIT4ALL** : Transitional movement to support the sustainable transition towards a healthy and eco-friendly Agri-Food Système through the Promotion of MEDIET and Lifestyle in Modern Society

TRAININGS ABROAD

The University of Boumerdes implements, under the supervision, a set of training programs abroad. These programs target all categories and all training cycles. They are classified into two types of training:

Residential Training Abroad

This is a training of more than six (06) months.

National Exceptional Program

• Exceptional National Program (PNE) :

Dedicated to non-salaried teacher-researchers and doctoral students preparing a doctoral thesis.

Dedicated to teacher-researchers and doctoral non-salaried preparing a doctoral thesis.

• Algerian-French Cooperation Program (PROFAS B+) :

Dedicated to non-salaried doctoral students, preparing a doctoral thesis.

- **Doctoral Training Program:**

Dedicated to students in Master 2, promotion majors and on national competition (organized by the Regional Conference of Universities of the CRUC Center).

- **Other scholarship programs from foreign institutions through the tutelage (Fulbright, Hungary):**

Dedicated to students of all cycles, on the study of files according to the type of grant (subvention) scholarship.

Short-term Training Abroad:

This is training less than or equal to six (06) months.

- **Improvement Courses Level Improvement Training:**

Dedicated to teacher-researchers and non-salaried students, preparing a doctoral thesis, non-salaried doctoral students registered under “co-supervision” /cotutelle, and non-salaried master’s students registered under “twinning” as well administrative and technical staff holder of at least a university degree within the framework of cooperation agreements.

- **High Level Scientific Stays:**

Dedicated to teachers of magisterial rank (Professors, class “A” lecturers) and class “B” lecturers, with a view to preparing for their university qualification.

- **Participation in Scientific Events Indexed in International Databases:**

Dedicated to teachers of magisterial rank and class “B” lecturers, with a view to preparing for their university qualification, teacher-researchers and non-salaried doctoral students preparing a doctoral thesis.

Stays within the framework of International Cooperation:

Dedicated to directors of establishments, administrative managers, teacher-researchers and administrative staff, at the request of the supervisory authority, to represent the Ministry of Higher Education and Scientific Research, within the framework of international relations with foreign educational establishments higher education and research.

ANIMATION AND SCIENTIFIC EVENTS

The M'Hamed BOUGARA University of Boumerdes programs annual scientific events organizes annual scientific events (conferences, workshop seminars and study days, etc.) of a national and international nature (character). The course of these events is face-to-face, online and hybrid.

INCUBATOR INTERFACES AND SUPPORT STRUCTURES OF THE UNIVERSITY OF BOUMERDES

1. Incubator of University

The university business incubator aims to support and encourage entrepreneurship and innovation among students and university graduates. These incubators provide a common environment for students and inventors to develop their ideas and turn them into successful commercial projects. The incubator is a structure that welcomes, assists, and accompanies creative project holders in establishing startups related to the socio-economic sector, students, researchers, and especially the university's scientific clubs, and entrepreneurs. This structure provides support for innovative projects and aims to encourage the establishment of businesses and job creation, so that any individual or entity wishing to develop an activity based on an innovative scientific and technological idea can benefit from the opportunities offered by the incubator. The Boumerdes incubator is an open device for knowledge transfer from idea to project and from project to business creation, offering the following services:

- Providing offices and shared workspaces equipped with modern technologies.
- Providing advice from business experts and consultants to help entrepreneurs develop their business plans.
- Organizing training courses and workshops on various topics related to entrepreneurship and business management.
- Assisting in obtaining the necessary funding to start and develop new businesses.
- Supporting technological and applied research and innovation contributing to the development of the entrepreneurial sector and innovation support.
- Encouraging students to create businesses and enter the field of entrepreneurship.
- Providing support, technological and scientific expertise, training, and mentoring to students in the field of innovation.
- Assisting innovators in all areas: administrative, logistical, marketing, etc.
- Promoting university programs and research and attracting talented students and researchers through social media.
- Creating prototypes and scale models for innovators within the incubator's manufacturing laboratory.

1.1-FABLAB

The FabLab (Fabrication Laboratory) has the primary mission of fostering innovation, creativity, and collaborative learning by providing access to digital fabrication tools such as 3D printers, laser cutters, and CNC machines. These spaces aim to promote local innovation by enabling a wide range of users (students, researchers, entrepreneurs, artisans, etc.) to prototype ideas and develop tangible projects. They emphasize learning by doing, offering an environment where experimentation is an integral part of the learning process. FabLabs also encourage knowledge sharing and collaboration by creating open communities where skills and expertise are freely exchanged. By supporting entrepreneurship, they help bring prototypes to life, thereby accelerating the transition from concept to market.

1.2-ACCELERATOR

The Business Accelerator is a program designed to support startups and small enterprises after their incubation phase, with the goal of driving their growth and market expansion. This intensive program typically lasts between 6 to 12 months, offering a structured set of resources and services to fast-track the development of innovative projects.

The services offered include:

- Mentorship and strategic support: Personalized guidance from experts to help entrepreneurs make informed decisions and strengthen their managerial and technical skills.
- Marketing and commercialization strategy: Development of a clear and secure roadmap for launching and marketing the final product or service.
- Funding support: Assistance in securing funding through support structures (NESDA, ASF, ANGEM, etc.) or in partnership with economic operators.
- Transformation into a certified startup: Strategic and administrative guidance to help innovative projects evolve into fully established startups.
- Local administrative assistance: Support with administrative procedures with local authorities (business registration, self-employed entrepreneur card, etc.).
- Networking and partnerships: Connecting businesses with investors, commercial partners, and public or private institutions to build a strong business network.

- Shared workspaces: Access to collaborative workspaces that promote creativity, innovation, and team synergy.
- Expansion and market access support: Strategic support to enhance business growth and access new markets.
- Industrial partnership facilitation: Assistance in securing contracts, partnerships, or subcontracting opportunities with major public and private companies.

2. **Entrepreneurship Development Center**

The Entrepreneurship Development Center is a space that supports the implementation of programs encouraging business creation and entrepreneurship for university students, as part of a strategy to affirm the university's role in promoting the micro-enterprise sector and strengthening the link between the university and its socio-economic environment. The focus is on training as a key factor in the success of student entrepreneurs, as well as awareness programs aimed at developing entrepreneurial skills within the university community.

The Entrepreneurship Development Center operates in coordination with the National Agency for Entrepreneurship Development. Its main goal is to enable entrepreneurs to transform their ideas into sustainable and successful projects by achieving the following objectives:

- Providing training programs and workshops to develop entrepreneurial and project management skills, including business planning and marketing.
- Offering advice and technical support through a team of specialists in various fields such as finance.
- Assisting entrepreneurs in obtaining the necessary funding to start or grow their projects.
- Providing networking opportunities and connections with other entrepreneurs, investors, officials, and entrepreneurship stakeholders to help expand their networks and exchange experiences.

3. **Technology and Innovation Support Centre**

The Center for Technology and Innovation Support works in coordination with the Algerian National Institute of Industrial Property. This center aims to strengthen capacities in the field of direct exploitation of patent databases and trademark registration through various networks of the World Intellectual Property Organization. It also aims to promote innovation and technological development in various economic and social sectors. The center strives to provide support, resources, and services to emerging and innovative businesses with the aim of promoting economic and social development. The functions of the Center for Technology and Innovation Support typically include patent registration.

4. **House of artificial intelligence :**

The role of the "Maison de l'Intelligence Artificielle" (House of Artificial Intelligence) is to promote research, innovation, and awareness in the field of artificial intelligence through a range of key tasks and functions, including:

- Spreading the Culture of Artificial Intelligence: This house aims to introduce the public, students, and businesses to the potential of artificial intelligence and its applications in various fields such as health, transportation, security, education, and industry.
- Supporting Research and Innovation: It provides an incubating environment for researchers and innovators to work on artificial intelligence projects, encouraging collaboration between universities, research centers, and economic institutions.

- **Training and Education:** It organizes training programs and workshops for engineers, students, and professionals to acquire necessary skills in artificial intelligence, such as machine learning, data analysis, and computer vision.
- **Supporting Startups:** It supports startups in the field of artificial intelligence by providing workspace, expert guidance, and connecting them with funding or partnership networks.
- **Collaboration Platform:** It creates a space for interaction between various actors in the digital ecosystem (academics, industrialists, local authorities, and associations), with the aim of developing smart solutions that address the needs of society.
- **Contributing to Public Policies:** It can play an advisory role for authorities in shaping public policies related to the responsible and ethical use of artificial intelligence.

5. **Quality Assurance Unit**

The Quality Assurance Unit (C. A. Q.) is a unit attached to the Vice-Rector of External Relations, responsible for steering actions to improve quality. The actions of the CAQ affect the different fields of activity: governance, pedagogy, research, university life, infrastructure management, cooperation, and relationship with the socio-professional world.

6. **Communication Unit**

The objective of the UMBB communication cell is to promote and publicise, internally and externally, all the activities of the university and to ensure the dissemination of information to administrative staff, teachers, students and anyone wishing to have information from UMBB.

THE UNIVERSITY IN FIGURES SINCE ITS CREATION

Evolution of Students enrolled in Graduation

	Classical System				LMD System		Engineer	Medicine	TOTAL
	Engineer	Licence	DES	DEUA	Master	LMD Bachelor			
1998/1999	2781	680		2988					6449
1999/2000	3234	2407		5324					10965
2000/2001	3876	3751		6943					14570
2001/2002	4942	5902		7373					18217
2002/2003	5089	7315		6912					19316
2003/2004	5095	7449	83	5434					18061
2004/2005	5737	9424	145	4489		172			19967
2005/2006	6329	6133	92	3830		478			16862
2006/2007	5946	6918	63	3361		2478			18766
2007/2008	5708	8451	75	2939	84	3951			21208
2008/2009	5879	8781	60	2333	264	6773			24090
2009/2010	4926	8181	21	1500	1037	7526			23191
2010/2011	3730	5888		822	1908	12141			24489
2011/2012	2791	3853		225	3129	16565			26563
2012/2013	1816	1722		17	4085	20273			27913
2013/2014	908	588			7233	20100			28829
2014/2015	312	238			10310	20575			31435
2015/2016		96			9899	19765			29760
2016/2017					9295	20502			29797
2017/2018					9107	21409			30516
2018/2019					9900	20825			30725
2019/2020					10079	20820			30899
2020/2021					10465	20377			30842
2021/2022					10572	21743			32315
2022/2023					9557	22713	352		32622
2023/2024					9024	23634	1208	235	34101
2024/2025					8403	24538	1841	595	35377

Evolution of Students enrolled in post-Graduation

	Classic System		DMD system	TOTAL
	Magister	PHD	3rd Cycle Doctorate	
1998 / 1999	141			141
1999 / 2000	109			109
2000 / 2001	143			143
2001 / 2002	197	45		242
2002 / 2003	282	72		354
2003 / 2004	343	81		424
2004 / 2005	409	125		534
2005 / 2006	440	141		581
2006 / 2007	437	203		640
2007 / 2008	554	255		809
2008 / 2009	640	297		937
2009 / 2010	555	321	17	893
2010 / 2011	430	393	20	843
2011 / 2012	386	521	73	980
2012 / 2013	269	640	76	985
2013 / 2014	254	701	105	1060
2014 / 2015	194	740	162	1099
2015 / 2016	123	747	235	1105
2016 / 2017	23	777	402	1202
2017/2018	34	827	512	1373
2018/2019	31	762	641	1434
2019/2020	31	707	702	1440
2020/2021	6	646	727	1379
2021/2022	6	598	777	1381
2022/2023	4	553	747	1304
2023/2024	4	516	668	1188
2024/2025	4	488	678	1170

Evolution of Graduate Students in Graduation

	Classic System				LMD system		TOTAL
	Engineers	Classic License	DES	DEUA	Master	Bachelor LMD	
1998 / 1999	258			295			553
1999 / 2000	349			417			766
2000 / 2001	488			1089			1577
2001 / 2002	493	534		1616			2643
2002/2003	449	1361		1676			3486
2003/2004	445	1383		1654			3482
2004/2005	724	1187	55	1501			3467
2005/2006	909	1248	52	904			3113
2006/2007	964	917	28	921		115	2945
2007/2008	935	1419	23	1001		210	3588
2008/2009	801	1199	32	680	69	881	3662
2009/2010	1166	1649	21	644	173	1244	4897
2010/2011	940	1609		598	694	1920	5761
2011/2012	877	1958		168	906	1890	5799
2012/2013	879	997		29	1649	4061	7615
2013/2014	604	354			1875	4704	7537
2014/2015	273	134			3301	4516	8224
2015/2016		54			3865	4121	8040
2016/2017					3923	4238	8161
2017/2018					3130	4813	7943
2018/2019					3275	4645	7920
2019/2020					4017	4772	8789
2020/2021					4060	4950	9010
2021/2022					4096	5118	9214
2022/2023					3832	4596	8428
2023/2024					3749	4962	8711

Evolution of graduate students in Post-Graduation

	Système Classique		Système LMD	Total
	Magister	PHD	3rd Cycle Doctorat	
1998 / 1999	30			30
1999 / 2000	14			14
2000 / 2001	27			27
2001 / 2002	27			27
2002/2003	37			37
2003/2004	33			33
2004/2005	64	2		66
2005/2006	81	1		82
2006 / 2007	77	9		86
2007 / 2008	67	7		74
2008 / 2009	102	13		115
2009 / 2010	112	11		123
2010 / 2011	104	13		117
2011 / 2012	140	21		161
2012 / 2013	33	18	1	52
2013 / 2014	66	23	3	92
2014 / 2015	55	56	6	117
2015 / 2016	29	40	10	79
2016/2017	15	32	13	60
2017/2018	04	87	20	111
2018/2019	00	60	27	87
2019 / 2020	00	43	23	66
2020/2021	00	59	76	135
2021/2022	00	72	59	131
2022/2023	02	73	53	128
2023/2024	00	82	34	116

TOTAL NUMBER OF PERMANENT TEACHERS
ACADEMIC YEAR 2024/2025

Ranks	In Activity	On Secondement	Availability	TOTAL
Teachers	296	10	5	311
M.C (classe A)	383	2	10	395
M.C (classe B)	322	6	11	339
M.A (classe A)	343	7	7	357
M.A	96	-	-	96
M.A (classe B)	86	-	1	87
Assistant	1	-	-	1
PFES/PPES	1	-	-	1
TOTAL	1528	25	34	1586

TECHNICAL AND SERVICE ADMINISTRATIVE STAFF (ATS)
ACADEMIC YEAR 2024/2025

Ranks	Active	On Secondement	Lay-off	Long- termsickleave	Total
Design	398	01	12	02	413
Application	216	00	08	00	224
Mastery	176	00	06	00	179
Execution	96	01	07	02	106
Total Permanent	883	02	33	04	922
Contractual	476	00	01	02	479
Total University	1359	02	34	6	1401

LIBRARIES, CENTERS AND AUDITORIUM

The libraries of the University are made up of the following structures:

- 01 Central Library
- 07 Faculty and institute libraries
- The capacity of the UMBB libraries is 6824 seats including 1000 for the Central Library
- 03 Conference Rooms
- 27 Reading rooms

Offered Services

- Bibliographic research under network via the "SYNGEB" software
 - Online consultation of UMBB library catalogs
 - **Algerian collective catalog CCDZ**
- Access to the National Online Documentation System **SNDL**
- Access to the scientific production of the university **Dspace**
- Access to the digital library
- Access to the National Portal for Reporting Theses **PNST**
- Internal and external loan
- Internet connection by Wifi
- DSI Information Selective Dissemination Service
- User training

DOCUMENTARY FUNDS

Number of titles available in UMBB libraries is **127781** document titles.

OPENING TIME

- **Sunday to Thursday: 8:00 a.m. to 10:00 p.m.**
- **Saturday: 9 a.m. to 4 p.m.**

- **01 A Center for Networks and Information and Communication Systems CRSIC**

The main objective of the CRSIC is to adapt and promote the use of new technologies for the dissemination of information in the teaching system at the University.

Internet :The fiber optic Internet connection of the 6 Faculties, Institutes and Central Library; **300 Mb/s** RNA network.

01 salle de E-learning: The role of this room is to provide technical support for remote learning

01 Auditorium: with **600 seats** in Boudouaou Campus

PEDAGOGICAL INFRASTRUCTURES

Pedagogical infrastructures in progress 95 %:

- 4000 educational places in the Sahel (Construction works in progress).
- 01 auditorium with 600 seats in the Sahel (Construction works in progress).

Infrastructure in the study phase:

- Medicine faculty 2000 educational places in Boumedes.

ACCOMMODATION AND CATERING INFRASTRUCTURES

Nine (09) University Residences:

Five (05) university residences For Boys

- BOUHRI Boualem Boumerdes University Residence
- KERCHOUCHE Abd el Kader University Residence - Boudouaou center
- Brothers GOUGAH Corso University Residence- Corso
- University residence 2000 Zemmouri beds- Zemmouri.
- Brothers TOUBAL Rabah and Mohamed University Residence- Boudouaou El Bahri.

Four (04) university residences For Girls

- ZIANI Lounes Boumerdes University Residence
- BAYOU Halima Boumerdes University Residence
- CHENOUI Aicha Boudouaou University Residence
- GUEDOUARI Cherifa Corso University Residence
- Accommodation beds: **11197**
- Total resident students: **9232**
- **Bed utilization rate :**
- Hosting capacity utilization rate: **82, 45 %**.
- **University restaurants : 09**
 - ✓ Capacity of university restaurants: **15000**
 - ✓ Utilization rate of university restaurant capacity: **70 %**

Accommodation and catering infrastructure construction in a temporary

Freezing situation:

- 03 University Residences with 5000 beds in the Sahel.
- 01 Central Restaurant in the Sahel.
- Construction of the DOU headquarters in Boumerdes.

SCIENTIFIC, CULTURAL AND SPORTS ACTIVITIES

The University, in association with student organizations and science clubs, organizes and develops scientific, cultural and sporting activities. The main activities carried out within the university and managed by the Sub-Directorate of Scientific, Cultural and Sports Activities are:

Scientific activities: scientific outings, seminars, symposiums and screenings of films and scientific documentaries, conferences, open days on the sub-direction.

Cultural Activities: book exhibition, poetic recitals, cultural competitions, plays, inter-Faculties.

Sports activities: basketball, football, volleyball, athletics, judo, karate, kung fu, bodybuilding for boys and aerobics for girls, participation in national university championships.
The University has:

1-Scientific clubs:

RECTORAT : نادي الطلبة العرب لجامعة بومرداس (Arab Students Club of Boumerdes University), أندروميديا (Cinema Club of Boumerdes),

FS : Bio best, Devup, Mediq, Pi Math -Pmc-, Supernova, Eco vibe, Agrov vest, Gardenia, Catalyst.

FHC : New Vision Club, Chemical Engineering, Petroleum Club, Petroleum Manager Club, Geophysique (S.E.G), IADC University of Boumerdes student chapter, Club Futur Designer.

FETMS : Elite الرؤية الاقتصادية النخبة Economic vision.

FLPS : SENHOURI, POLI TALK, Al-Wadq Scientific and Cultural Club, النادي العلمي الثقافي تمكن Tamkeen Scientific Cultural Club.

FLL : Beam Club.

IEEE : CLUB INELCTRONICS, I.E.E.E STUDENT BRANCH ALGERIA, INTELLEC, CLUB ELWAMEEDH.

FT : Club Electro, Club Mecatro, Space of Knowledge, Club Ibtikar, CIVIL ENGINEERING, ELECTRIC POWER, TECHNO TECH

2-National Organizations: 14 organisations; UGEL, UNEA, AREN, ONSE, SNE, UGEA, MNEA, REAL, OEAL, ONEL, VNEA, ONEA, LNEA, CEAL.

3-Cultural Association: C.F.S.B Committee of Foreign Students of Boumerdes.

4-01 Sports Club : University of Boumerdes Olympique (U.B.O).

The sub-directorate organizes its activities in coordination with student organizations and science clubs through the Facebook page ([SdascUnivBoumerdes](https://www.facebook.com/SdascUnivBoumerdes)).

MESUMS

Geological Museum

It is situated at the left side of the Rectorate office closer to the research laboratories. It contains many precious stones that were collected all over Algeria. Most of them are offered by the *Geological Research Laboratories*. You will also find advanced Telescopes and prospection engines, which are exposed, to give a border idea about mining prospection in Algeria. Other stones are gifts from international Museums and Research Centers.

El Moudjahid Abdarahmane Farès Museum

The naming of Abderrahmane Farès (1911-1991) to the museum located at the North Pole of the Faculty of Hydrocarbons of the University of Boumerdès, on the occasion of the celebration of the sixtieth anniversary of the independence of Algeria, the office of the President of the Provisional Executive Authority was endowed with historical value and transformed into a historical museum and named Museum of the late Moudjahid Abderrahmane Farès (1911-1991).

Historically, in 1960, the French colonial government decided to move the headquarters of the French High Commission in Algeria to the Boumerdes (Black Rock) region due to the political and military harassment the French colonial government was facing from the National Liberation Party and the Army. The town of Black Rock was established to be the headquarters of the French High Commission in Algeria, headed by Christian Fouché. After the ceasefire of March 19, 1962, Black Rock became the headquarters of the Provisional Executive Authority, headed by Mr. Abdel Rahman Fares, which is responsible for managing public affairs in Algeria in coordination with the French High Commissioner in Algeria, Christian Fouché. Following the Evian Accords, Algeria's independence was proclaimed and the first Algerian flag was raised on the Black Rock, more precisely at the headquarters of the Provisional Executive Authority located in the heart of M'hamed Bougara University in Boumerdès.

Medical Center

It is destined to the workers of UMBB, administrators, teachers...The purpose is facilitating their medical cures and visits. It is used for the different seminars and medical World diseases and drug celebrations dates.

USEFUL INFORMATION

RECTORATE

Address: Avenue de l'Indépendance, 35,000 Boumerdes – Algeria

Website: <http://www.univ-boumerdes.dz>

Switchboard

-Tel: (024) 79 52 75 / 78

Rector's Secretariat

-Tel: (024) 79 52 70; Fax: (024) 79 52 71

Rector's office

-Tel/Fax: (024) 79 52 59

Communications Department

-Tel/Fax: (024) 79 51 88

Email: communication@univ-boumerdes.dz

VICE-RECTORATE OF HIGHER EDUCATION FOR THE FIRST AND SECOND CYCLES, CONTINUING EDUCATION AND DIPLOMAS AND HIGHER EDUCATION FOR GRADUATION

-Tel/Fax: (024) 79 52 73

-Department of Teaching, Internships and Evaluation

- Tel/Fax: (024) 79 52 07

-Department of Diplomas and Equivalences

-Tel: (024) 79 52 75/78; extension 244/293

VICE-RECTORATE OF POST-GRADUATION HIGHER EDUCATION, UNIVERSITY ACCREDITATION AND SCIENTIFIC RESEARCH AND POST-GRADUATION HIGHER EDUCATION

-Tel/Fax: (024) 79 52 74; extension 271

-University Accreditation Service

-Post-Graduation and Specialized Post-Graduation Training Service

-Tel: (024) 79 52 75/78; extension 242

-Service for Monitoring Research Activities and Promoting their Results
-Tel: (024) 79 52 75/78; extension 283/216

VICE-RECTORATE OF EXTERNAL RELATIONS, COOPERATION, ANIMATION AND COMMUNICATION AND SCIENTIFIC EVENTS

-Tel/Fax: (024) 79 51 82

-Department of Inter-University Exchanges, Cooperation and Partnership:
-Tel: (024) 79 52 75/78; extension 270/275

-Department of Animation and Communication and Scientific Events:
-Tel: (024) 79 52 75/78; extension 232

-House of Entrepreneurship

-Address: Institute of Electrical and Electronic Engineering
E-mail: maisonde l'entrepreneuriat-umbb@univ-boumerdes

-CATI Innovation Technologies Support Center

-Address: Institute of Electrical and Electronic Engineering

-Quality Assurance Unit

-Address: Computer Science Department - Faculty of Sciences -Tel: (024)79 90 19

VICE-RECTORATE OF DEVELOPMENT, PROSPECTIVE AND ORIENTATION

-Tel/Fax: (024) 79 52 76

-Statistics and Forecasting Service: -Tel: (024) 79 52 75/78; extension 228/245

-University Construction and Equipment Programs Monitoring Service -Tel/Fax: (024) 79 52 05

UNIVERSITY LIBRARY

-Libraries Coordinator -Tel: (024) 79 57 47; Fax: (024) 79 57 48

GENERAL SECRETARIAT

-General Secretariat -Tel/Fax: (024) 79 51 96

-Prevention and security service -Tel: (024) 79 57 47; Tel: (024) 79 52 75/78; extension 213

-Personnel and Training Sub-Directorate -Tel: (024) 79 51 97

-Means and Maintenance Sub-Directorate -Tel/Fax: (024) 79 51 99

-Sub-Directorate for Scientific, Cultural and Sporting Activities -Tel/Fax: (024) 79 52 06

-Sub-Directorate of Budget and Accounting -Tel/Fax: (024) 7951 98

-Center for Information and Communication Networks and Systems

-Tel/Fax: (024) 79 58 87; Tel/Fax: (024) 79 52 04

CEIL Intensive Language Teaching Center

-Tel/Fax: (024) 79 57 65

Incubator

-Tel/Fax: (024) 79 51 87

FACULTY OF SCIENCES

-Standard -Tel: (024) 79 90 07(024) 79 90 19

-Dean's Secretariat -Tel: (024) 79 90 05

-Dean -Tel /Fax: (024) 79 90 13

-General Secretary -Tel: (024) 79 90 12

-Vice-Dean in charge of Studies and Student Affairs -Tel: (024) 79 90 23

-Vice-Dean in charge of Post-Graduation, Scientific Research and External Relations

-Tel: (024) 79 90 16

-IT Department -Tel: (024) 79 90 09

-Department of Physics -Tel: (024) 79 90 17

- Department of Mathematics -Tel: (024) 79 90 10
- Department of Chemistry -Tel: (024) 79 90 24
- Tél : (024) 79 90 27/29 ; Fax : (024) 79 90 30
- Biology department -Tél : (024) 79 90 18
- Department of Agronomy - Tél : (024) 79 90 25
- Department of Sciences and Techniques of Physical and Sports Activities -Tél: (024) 79 90 33
- medical annex -e-mail: annexemedecine@univ-boumerdes.dz -Tel : 024 79 90 26

FACULTY OF TECHNOLOGY

- Dean -Tel/Fax: (024) 94 14 99
- Vice-Dean in charge of Studies and Student Affairs -Tel: (024) 94 14 81
- Vice-Dean in charge of Post-Graduation, Scientific Research and External Relations
- Tel: (024) 94 14 93
- Secretary General -Tel: (024) 94 14 98
- Department of Mechanical Engineering -Tel: (024) 94 14 79
- Department of Civil Engineering -Tel: (024) 94 15 04
- Electrical Systems Engineering Department -Tel: (024) 94 14 88
- Process Engineering Department -Tel: (024) 94 14 85
- Library -Tel: (024) 94 14 86

FACULTY OF HYDROCARBONS AND CHEMISTRY

- Switchboard -Tel: (024) 79 52 54
- Dean -Tel/Fax: (024) 79 51 62
- Secretary General -Tel: (024) 79 5280
- Vice-Dean in charge of Studies and Student Affairs -Tel: (024) 79 52 63
- Vice-Dean in charge of Post-Graduation, Research, Scientific Research and External Relations
- Tel: (024) 79 52 62
- Department of Earthquake Engineering and Random Phenomena -Tel: (024) 79 52 67
- Department of Transport and Hydrocarbon Equipment -Tel: (024) 79 51 66
- Department of Chemical Process Engineering and Pharmaceuticals -Tel: (024) 79 52 65
- Process Automation and Electrification Department -Tel: (024) 79 51 70
- Department of Mining and Petroleum Deposits -Tel: (024) 79 5264
- Department of Economics and Marketing of Hydrocarbons -Tel: (024) 79 52 08

FACULTY OF ECONOMIC, COMMERCIAL ANDMANAGEMENT SCIENCES

- Dean -Tel/Fax: (024) 79 51 94
- Secretary General -Tel: (024) 79 52 79
- Vice-Dean in charge of Studies and Student Affairs -Tel: (024) 79 51 93
- Vice-Dean in charge of Post-Graduation, Scientific Research and External Relations
- Tel: (024) 79 51 95
- Department of Management Sciences -Tel: (024) 79 51 43
- Department of Commercial Sciences -Tel: (024) 79 51 44
- Department of Economics -Tel: (024) 79 51 91
- Finance and Accounting Department -Tel: (024) 79 52 57 -Cell LMD Tel: (024) 79 51 56

FACULTY OF LAW AND POLITICAL SCIENCE

- Dean Tel/Fax: (024) 74 55 10
- Dean's Secretariat -Tel: (024) 74 55 11
- Secretary General -Tel: (024) 74 56 27

- Vice-Dean in charge of Studies and Student Affairs -Tel: (024) 74 56 26
- Vice-Dean in charge of Post-Graduation, Scientific Research and External Relations
-Tel: (024) 74 55 12
- Public Law Department -Tel: (024) 74 55 13
- Private Law Department -Tel: (024) 74 55 16
- Political Science Department -Tel: (024) 74 55 15

FACULTY OF LETTERS AND LANGUAGES

-Dean Tel/Fax: (024) 74 55 10

INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERING

- Switchboard -Tel: (024) 79 57 63
- Director -Tel/Fax: (024) 79 57 62
- Deputy Director of Administration and Finance -Tel: (024) 79 57 61
- Deputy Director in charge of Studies and Student Issues -Tel: (024) 79 57 70
- Deputy Director in charge of Post-Graduation, Scientific Research and External Relations Tel:
(024) 79 57 71
- Basic Education Department -Tel: (024) 79 57 58
- Electronics Department -Tel: (024) 79 57 69
- Electro technical and Automatic Department -Tel: (024) 79 57 68

INSTITUTE OF APPLIED SCIENCES AND TECHNIQUES -Director Tel/Fax: (024) 79 51 83

UNIVERSITY RESIDENCES

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- Lounes ZIANI Boumerdes University Residence -Tel: (024) 79 90 27/29; Fax: (024) 79 90 30
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- University Residence Cherifa GUEDOUARI Corso -Phone: (024) 95 21 82
- University residence 2000 beds Zemmouri -Phone/Fax: (024) 95 61 85
- Brothers TOUBAL Rabah and Mohamed Boudouaou El Bahri University Residence:
Phone: (024) 70 05 44.