Program Hightlights

Program Name : Energy

Program URL :http://www2.univ-oeb.dz/fssa/master -gm/

Department:



Degree Name\* :



Study Level\* :



Course Intensity\* :



Study Mode\* :



MBA Program Type :



## Program Details

Broad Subject Area\* :



Main Subject\* :



Custom Subject :**Energy Mechanics**



Specialization :**Energy Mechanics**



Program Description:

Acquire the reflexes of an energy specialist, be able to make the energy balance of any mechanical system, consumer or generator of energy in any form, in order to be able to decide on its vitality or locate its failures.This is the ambitious objective of this training. The proposed Bachelor's degree in Energy Mechanics allows the holder of his diploma to adapt as quickly as possible to the various trades related to the production, generation, transport, transformation and use of energy.The professions of industrial air conditioning, cold production, heating, domestic air conditioning, thermal, solar, hydraulic, geothermal, wind power plants, motors, etc. are thus targeted by our training.

Thanks to solid training in thermodynamics and applied thermodynamics, heat transfers, fluid mechanics, turbomachines, engines, renewable energies, cold and climate engineering, the energy graduate will be able to adapt easily andbuild skills in all trades related to energy.

University Official Website :www.univ-oeb.dz

Get more details (email) :نائب العميد المكلف بالبيداغوجياالبريد الالكتروني المهني لمسؤول الميدان أو

djouambi\_abdelbaki@yahoo.fr

Duration Unit :عدد السنوات 2years

Duration Type :



Start Month(s) :





Application Deadline :







Fees Currency :



Price Information :الاشارة هنا إلى أن التعليم مجاني إضافة إلى الايواء والاطعام والنقل ويستفيد الطلبة من منحة إضافية

Entry Requirements

Exam Type:



Entry Requirements (Other) :

Example: The minimum baccalaureate rates accepted at Algerian universities are used to establish the rate at which a student must have earned their degree in order to enter the program.

483 words remaining Maximum 512 words

Min Total Tuition Fees (Domestic) : 0

Max Total Tuition Fees (Domestic) : 0

Min Total Tuition Fees (Domestic, In State) : 0

Max Total Tuition Fees (Domestic, In State) : 0

Min Total Tuition Fees (Domestic, Out of State) : 0

Max Total Tuition Fees (Domestic, Out of State) : 0

Min Total Tuition Fees (International) : 0

Max Total Tuition Fees (International) : 0

Minimum Professional Experience (in years) :

Financial Aid

Is there a school sponsored scholarship or financial aid?

  Yes   No

Annual school budget for all scholarships : ……..

Currency :



Scholarship Information :الاشارة هنا إلى أن التعليم مجاني إضافة إلى الايواء والاطعام والنقل ويستفيد الطلبة من منحة إضافية

Program Statistics

Students per Class :

Average age (in years) :22

Average years of work experience at managerial level :

Percentage of international students :00%

Percentage of women :40 %

Average GMAT score for your cohort :

Average salary after graduation : …………………………………….



Percent employment after graduation : …………… %

Program accreditations :



Average work experience (in years) :

Number of nationalities in current cohort :0

PROGRAM OF ACADEMIC MASTER

Speciality: Energetics

*Semester 1*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | In-depth fluid mechanics |
| Thermal machines |
| Deep heat and mass transfer |
| In-depth numerical methods |
| Methodologyteaching unit | Instrumentation and measurements |
| Practical work Numerical methods |
| Thermal machines practical work |
|  | TPfluid mechanics |
| Discoveryteaching unit | Chosen course |
|  | Chosen course |
| Transversal teaching unit | Technical English and terminology |

*Semester 2*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Combustion |
| Gas dynamics |
| Thermal Drying |
| Heating and Air Conditioning |
| Advanced Turbomachinery |
| Methodologyteaching unit | Finite Volume Methods |
| TP Turbomachinery |
| Control and regulation |
| Discoveryteaching unit | Chosen course |
|  | Chosen course |
| Transversal teaching unit | Ethics, deontology and intellectual property |

*Semester 3*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | In-depth internal combustion engines |
| Cryogenics |
| Propulsion Mechanics |
| Heat Exchangers |
| Methodologyteaching unit | CFD and software |
| Optimisation |
| TP HeatExchangers |
| Discoveryteaching unit | Chosen course |
| Chosen course |
| Transversal teaching unit | Literature search and brief design |