Program Hightlights

Program Name: ***License in Electronics***

Program URL :

Department:



Degree Name\* :***Bachelor Degree in Electronics***



Study Level\* :



Course Intensity\* :



Study Mode\* :



MBA Program Type :***N / A***



## Program Details

Broad Subject Area\* :



Main Subject\* :



Custom Subject :



Specialization :***Electronics***



Program Description:

**The Bachelor of Science in Electronics is an undergraduate engineering program offered at the University of Oum El Bouaghi, Faculty of Sciences and Applied Sciences, Department of Electrical Engineering. The bachelor's degree is a 3-year program designed for students who want to get a thorough technical grounding in Electronics.**

**This curriculum falls within the field of Science and Technology in fundamental subjects like maths, physics and computer science in the two first semesters; and on electronics related subjects, such as: analog and digital electronics, Microprocessor interfacing and programming, control systems, power electronics, signal processing, etc…Besides, students apply their theoretical knowledge in labs and projects, which**

**prepares them to pursue careers in electronics related fields, or pursue a master degree in Embedded Systems and IoT related fields**

University Official Website :

<http://www.univ-oeb.dz>

Get more details (email) :[djouambi\_abdelbaki@yahoo.fr](mailto:djouambi_abdelbaki@yahoo.fr)[hadef.amar@univ-oeb.dz](mailto:hadef.amar@univ-oeb.dz)

Duration Unit :**03**

Duration Type :



Start Month(s) :





Application Deadline :







Fees Currency :***N / A***



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) :

**The baccalaureate weighted rates accepted at Algerian universities are used to establish the required rate in order to enter the program.**

Min Total Tuition Fees (Domestic) :***N / A***

Max Total Tuition Fees (Domestic) :***N / A***

Min Total Tuition Fees (Domestic, In State) :***N / A***

Max Total Tuition Fees (Domestic, In State) :***N / A***

Min Total Tuition Fees (Domestic, Out of State) :***N / A***

Max Total Tuition Fees (Domestic, Out of State) :***N / A***

Min Total Tuition Fees (International) :***N / A***

Max Total Tuition Fees (International) :***N / A***

Minimum Professional Experience (in years) :***N / A***

Financial Aid

Is there a school sponsored scholarship or financial aid?

  Yes   No

Annual school budget for all scholarships : …….. ***N / A***

Currency :



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

Program Statistics

Students per Class :**25**

Average age (in years) :**20**

Average years of work experience at managerial level :***N / A***

Percentage of international students **<5%**

Percentage of women :**80 %**

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 :

Academic License Program

Speciality: Electronics

Common Base Science and Technology

*Semester 1*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Mathematics 1 |
| Physics 1 |
| Structure of the material |
| Methodologyteaching unit | TP Physics 1 |
| TP Chemistry 1 |
| Informatics 1 |
| Writingmethodology |
| Discoveryteaching unit | Careers in science and technology 1 |
| Transversal teaching unit | ForeignLanguage 1 (English) |

*Semester 2*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Mathematics 2 |
| Physics 2 |
| Thermodynamics |
| Methodologyteaching unit | TP Physics 2 |
| TP Chemistry 2 |
| Informatics 2 |
| Methodology of the presentation |
| Discoveryteaching unit | Careers in science and technology 2 |
| Transversal teaching unit | ForeignLanguage2 (English) |

*Semester 3*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Mathematics 3 |
| Waves and vibrations |
| Fundamental Electronics 1 |
| FundamentalElectrical Engineering 1 |
| Methodologyteaching unit | Probability and statistics |
| Informatics 3 |
| TP Electronics and Electrical Engineering TP |
| TP Waves and vibrations |
| Discoveryteaching unit | State of the art in electrical engineering |
| Energy and environment |
| Transversal teaching unit | Technical English |

*Semester 4*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Fundamental Electronics 2 |
| Combinatorial logic and sequential logic |
| Numericalmethods |
| Signal theory |
| Methodologyteaching unit | Electrical and electronic measurements |
| TP Fundamental Electronics 2 |
| TP Combinatorial and Sequential Logic and sequential logic |
| TP Combinatorial and Sequential Logic and sequential logic |
| Discoveryteaching unit | Electronic Component Technology 1  Expression and communication techniques |
| Elements of physics of electronic components |
| Transversal teaching unit | Expression and communication techniques |

*Semester 5*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Microprocessor Systems |
| Electronics Functions |
| Signal Processing |
| Local Computer Networks |
| Methodologyteaching unit | TP Microprocessor Systems |
| TP Functions of Electronics |
| TP Signal and Local Networks |
| Pre-Project Work |
| Discoveryteaching unit | lectronic Component Technology 2 |
| Integrated Circuit Technology and Manufacturing |
| Transversal teaching unit | Wave propagation and antennas |

*Semester 6*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Continuous Controls and Regulation |
| Sensors and Instrumentation |
| Power Electronics |
| Pulse Electronics |
| Methodologyteaching unit | End of Cycle Project |
| TP Controls and Regulation |
| TP Sensors and Instrumentation |
| TP Power Electronics and Pulses |
| Discoveryteaching unit | Optoelectronic Devices  Professional project and business management |
| Transversal teaching unit | Professional project and business management |