tProgram Hightlights

Program Nam: **Process Engineering**

Program URL :

Department:



Degree Name\* :



Study Level\* :



Course Intensity\* :



Study Mode\* :



MBA Program Type :



## Program Details

Broad Subject Area\* :



Main Subject\* :



Custom Subject :



Specialization :



Program Description:

**The Bachelor of Science in Process Engineering is is a graduation engineering program offered at the University of Oum El Bouaghi, Faculty of Science and Applied Science, Department of Process Engineering. The bachelor's degree is a 3-year program designed for students who wish to acquire an in-depth technical basis in Process Engineering.**

**The students in process engineering learns the feasibility conditions for a process and proposes appropriate technical solutions that make it possible to extrapolate them on the scale of the chemical industry. All this is gained through an in-depth curriculum in several subjects such as mathematics, physics, computer science and programming. As well as specialization materials that deal with the process of converting matter, heat, energy and momentum in all chemical industries. In addition to conducting research and in-depth study to link the price of the product (quantity, product characteristics and costs) on the one hand, and the extent of respect for quality, safety, and the environment on the other hand.**

**This training qualifies them to pursue jobs in the field of methodology engineering and various related fields, or to pursue a master's degree in chemical engineering.**

University Official Website : [**http://www.univ-oeb.dz**](http://www.univ-oeb.dz)

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

Duration Unit : **03**

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) :

**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: Process Engineering

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 |
| Fluidmechanics |
| Inorganicchemistry |
| Methodologyteaching unit | Probability and statistics |
| Informatics 3 |
| Technical design |
| TP Waves and vibrations |
| Discoveryteaching unit | HSE Industrial plants |
| Regulations and standards |
| Transversal teaching unit | Technical English |

*Semester 4*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Solution chemistry |
| Organic chemistry |
| Chemical thermodynamics |
| Numerical methods |
| Chemical kinetics |
| Methodologyteaching unit | TP Solution Chemistry |
| TP Organic Chemistry |
| TP Fluid Mechanics |
| TP Numerical Methods |
| TP Chemical Kinetics |
| Discoveryteaching unit | Introduction to refining and petrochemistry |
| Concepts of transferphenomena |
| Transversal teaching unit | Entrepreneurship and business management |

*Semester 5*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Heat TransferKinetics and homogeneous catalysis |
| Matter Transfer |
| Quantity of Motion Transfer |
| Electrochemistry |
| Instrumentation - Sensors |
| Kinetics and homogeneous catalysis |
| Methodologyteaching unit | Analytical techniques  |
| TP Chemistry Physics 1 and Chemical |
| Engineering 1 |
| Macroscopic balances |
| Discoveryteaching unit | pharmaceuticalprocesses |
| Agri-foodprocesses |
| Transversal teaching unit | Pollution: Air, water, soil |

*Semester 6*

|  |  |
| --- | --- |
| Teaching unit | Title of the Subject |
| Fundamentalteaching unit | Unit operations  |
| Thermodynamics of equilibria |
| Homogeneous reactors |
| Surface phenomena and heterogeneous catalysis |
| Methodologyteaching unit | End of Cycle Project |
| Physical chemistry 2 and chemical |
| Physical chemistry 2 and chemical engineering 2 |
| Discoveryteaching unit | Cryogenic processes |
| Corrosion |
| Transversal teaching unit | Professional project and business management |