



UNIVERSIDAD NACIONAL
de MAR DEL PLATA
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INTERNATIONAL RELATIONS NATIONAL UNIVERSITY OF MAR DEL PLATA FACULTY OF ENGINEERING

The Faculty of Engineering proposes that its professional engineers have an adequate scientific, technical and professional training that enables them to learn and develop new technologies, with an ethical, critical and creative attitude for the identification and resolution of problems in a systemic way, considering political aspects, economic, social, environmental and cultural from a global perspective, taking into account the needs of society. They will be endowed with the knowledge that allows them to perform efficiently with the human and technical resources that the country has, trying to instill a dynamic sense for the development and progress of the area in which they have to perform.

UNDERGRADUATE Academic Offer

- Electrical Engineering
- Electromechanical Engineering
- Electronic Engineering
- Food Engineering
- Computer Engineering
- Computer Science
- Materials Engineering
- Industrial Engineering
- Mechanical Engineering
- Chemical Engineering

POSTGRADUATE Academic Offer

- PhD. in Bioengineering
- PhD. in Materials Science
- PhD. in Electronics
- PhD in Modeling and Simulation
- PhD. in Mechanical Engineering
- Technology and Innovation Management Specialization
- Engineering Project Management Specialization
- Specialization in Safety and Health Management at Work
- Master Degree in Materials Science and Technology

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RESEARCH LINES

The Faculty of Engineering, through the Research Secretariat, is involved in the management related to the presentations of new projects, and the evaluation processes, as well as the presentation of the final reports of the projects that are completed. The accountability of the subsidies that the University grants received, and the production of the projects for future subsidies is weighted. Fellows and researchers who want to intervene in the categorization processes of the University Policies Secretariat of the Ministry of Education are advised. Applications are received for scholarships offered by: CONICET, CIN, UNDMP and CIC.

There are three Research Institutes and several Research groups, among which there are several projects:

INTEMA - Research Institute for Materials Science and Technology

ICyTE - Institute of Scientific and Technological Research in Electronics

ICyTAA - Institute of Food and Environmental Science and Technology

Research Groups:

Computer Aided Engineering (GIAC)

Teaching of Mathematics in Engineering Careers

Biochemical Engineering (GIB)

Food Engineering (GIA)

Industrial management

Artificial Intelligence Applied to Engineering

Research and Development in Geo-technologies

Food Preservation and Quality (GIPCAL)

Mathematics Applied to Engineering

Continuous Improvement, Quality and Environment

Statistical mechanics and nonlinear systems

EXTENSION LINES

The extension policy aims to encourage the offer of short courses, which can be articulated in a brief period of no more than one year, which concludes a training that has the necessary qualifications to get a job easily. It has been proposed to intensify the formalization of extension projects with a defined term, and extension programs without limit of duration of execution. In all cases, there are projects and programs of regional territorial impact, financed by the UNMDP, the SPU, the Faculty or the same work teams.



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Extension Courses Offer:

GNU - Linux and Programming web pages with PHP and MySQL
Training for Boilerman
Training for refrigeration engineer
Laboratory Safety
Maintenance costs / Maintenance management audit
Introduction to Project Management
Project Communication Management
Project Human Resources Management
Microcontrollers: Application Development

TRANSFER AND LINKAGE LINES

The transfer policy has tended to the execution of technological innovation projects with a strong impact on the contracting companies. As of 2013, it has been clearly visualized that the percentage of the amount billed annually for technological innovation contracts has been more than 65% of the total billing, while the remaining percentage is distributed among training contracts for human resources and services technicians.

Among the main clients we can mention YPF, Techint Group (Tenaris, Siderca), Transmerquim Argentina SA, and Port Consortium.

The creation of CAPP (Public-Private Associative Consortiums) has been encouraged with the purpose of executing large-scale co- financed projects. At the moment 4 projects of these characteristics are in execution, and one is already finished. 15 CAPPs have been managed that have signed with different companies.

In its connection with the community, the Faculty of Engineering, through the Department of Technology, Industry and Extension (SETIE), manages agreements with institutions and companies for the employability of our graduates, and articulates with the Technological Linkage Unit of the National University of Mar del Plata for the financing of projects before official organisms, among other functions.