



UNIVERSIDAD NACIONAL
de MAR DEL PLATA
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INTERNATIONAL RELATIONS NATIONAL UNIVERSITY OF MAR DEL PLATA FACULTY OF EXACT AND NATURAL SCIENCES

The Faculty of Exact and Natural Sciences since its creation in 1978, has been increasing its academic and scientific activity, both in the creation of undergraduate and postgraduate careers as well as in the creation of research institutes. The current academic offer consists of 9 undergraduate and 5 postgraduate careers, dictated jointly by 8 academic subunits and departments, which cover the areas of Biology, Marine Sciences, Earth Sciences, Mathematics, Physics, Chemistry and Scientific Education. They work with topics of Chemical Physics and Biochemistry, Biology, Mathematics, Scientific Education and Geology of Coasts and the Quaternary. Its commitment to society is manifested through all the actions carried out in teaching, research, extension and linking, extending each year its offer, with the clear objective of being an active actor so as to improve the quality of life of its inhabitants and strengthen the national identity.

UNDERGRADUATE Academic Offer

Biochemistry
Bachelor of Biological Sciences
Bachelor of Mathematics
Bachelor in Physics
Bachelor in chemistry
Bachelor in Biological Sciences
Bachelor in Mathematics
Bachelor in Physics
Bachelor in Chemistry

POSTGRADUATE Academic Offer

Doctorate in Sciences
- Field: Biology
- Field: Physics
- Field: Chemistry
Doctorate in Mathematics
Specialization in Marine Fisheries

**University National of Mar del Plata - Diagonal J. B. Alberdi 2695/ (7600) Mar del Plata
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RESEARCH LINES

The great diversity of lines of research that the Faculty has is manifested through its institutes and departments of double and triple association / dependency to CONICET and CIC. The Faculty is one of the main centers of scientific production of the University of Mar del Plata, where many researchers work together in groups in the departments, the Marplatense Mathematical Research Center (CEMIN) and 5 Research Institutes:

Biological (IIB, UNMDP-CONICET)

Marine and Coastal (IIMyC, UNMDP-CONICET)

Physics of Mar del Plata (IFIMAR, UNMDP-CONICET)

Production, Health and Environment (IIPROSAM, UNMDP-CONICET-CIC)

Geology of Coasts and Quaternary (IGCyC, UNMDP-CIC)

EXTENSION LINES

Projects submitted to the 2018 Call of the 2018 extension projects of the UNMDP:

"Water and Environmental Quality in the General Pueyrredon County" (Dir. Dr. Mariana González)

"Celiac disease: towards a healthy diet" (Dir. Dra. Estela Motta)

"Counting with you: community-school articulation, reading, mathematics and game (Dir. Dr. Jorge López)

"Permaculture as a solution to the habitat problems in the San Jacinto and Islas Malvinas neighbourhoods of Mar del Plata. A community project (Dir. Dr. Juan M. Buffa)

"Scientific awarness in the neighbourhood: building scientific citizenship in the Coronel Dorrego, Zona Norte, Puerto and Unión Sur CEUs (Dir. Dra. Paola Massa)

"Evaluation of the composition and quality of medicinal cannabis oil as a service to the community" (Dir. Dra. Julieta Mendieta)

"BiodA Project: conservation of the underwater heritage and communities of the natural and artificial reefs of Mar del Plata" (Dr. Gabriel Genzano)

"Development of an urban geological park as an educational and participatory procedure for the recovery of environmental mining liabilities in Balcarce County". (Dir. Mariana Camino)



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TRANSFER AND LINKAGE LINES

In 2018 and 2019 the faculty's transfer lines covered a wide spectrum:

Electronic Microscopy Services

Confocal Microscope for laboratories and research groups

Counseling and analysis service in areas of Bromatology and Applied Immunology

Consulting and Technical Assistance for the brewery sector

Advice and Technical Assistance to YPF SA

The linking lines of the Faculty in 2018 in which they worked on were in relation to:

Biosimilar Drugs

Celiac disease Interphase

Beaches of Mar del Plata

Gene editing in tomato

Quality in beer

Revaluation of by-products

Hydrolyzed native yeasts

Science bees and Society

Resistant ecotypes