

National University of Comahue - School of Engineering

Contact

Web: <http://fainweb.uncoma.edu.ar>

Address: Buenos Aires 1400, (8300) Neuquén, Argentina

Tel. +54 299 488-304

Institution profile

Comahue University began its activities in 1971 and was created out of the former Neuquén University, which had been created in 1965 in the oil region of Challacó. Comahue University is a regional university located in northern Patagonia and has branches in the provinces of Neuquén and Río Negro. The University comprises 14 schools which offer different degrees, including, among others: Law, Medicine, Psychology, Education Science, Engineering, Management and Tourism, as well as Degrees and Teacher Certification Programs in Natural, Exact and Social Sciences.

Nowadays, the School of Engineering, located in the city of Neuquén, the provincial capital city, offers the following degrees: Engineering degrees (Electrical, Electronics, Civil, Mechanical, Chemical and Oil), Bachelor degrees (Geology and Mining), Teaching Certification Programs (Physics and Chemistry).

The University is staffed with 370 professors and 45 administrative assistants. There are almost 3000 active students and an average of 80 graduates per year. Faculty and research members include 47 Doctor's degree holders, 27 Master's degree holders and 24 specialists.

Currently, the encouragement to engineer education and training driven by the national government, and the incipient and auspicious exploitation of the major shale oil reservoirs in the country have increased the need for engineering professionals dramatically. A total of 1090 students enrolled at the university to pursue their degrees in engineering and geology in 2014.

Major activities linked to the objective of the mission

Through research and technology transfer, the School of Engineering builds activities that are key to the productive environment in which it is located. The research and transfer lines are developed by interdisciplinary groups. Every year, the University makes a number of technology and scientific publications and transfer works, which include essays, surveys and projects requested by private companies and public entities.

The main oil-related research and technology transfer activities organized at the School of Engineering include: Fluid flow through disordered porous systems, Application of Nanotechnology for Enhancing Oil Recovery, Petrophysical Testing, Enhanced Oil Recovery Project (a project carried out by the Ministry of Science and Technology jointly with the Argentine Oil and Gas Institute, Buenos Aires University, Cuyo University and six oil companies), Porous Media (hydraulic drive trial in oil well in the use of chemical tracers), Fracture Mechanics (Metallography - Polymers – Non-Destructive Testing), Water and Alloys Tests, Characterization of Clays - Electron Microscopy, Audits of integrity in oil and oil derivatives storage vessels.

Representative in this mission

Ana Maria Basset (M.Sc, Academic Secretary of the School of Engineering, e-mail: Anambasset@yahoo.com.ar)

