

## STRATEGIES AND ARTICULATION IN CAREERS OF THE FACULTY OF ENGINEERING IN EARTH SCIENCES (FICT) OF THE ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL (ESPOL)

ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL (ESPOL) was created in 1958, which is a public university located in the city of Guayaquil, Ecuador, which is currently the number 1 public university in Ecuador, according to results published by Times Higher Education Latin America University Rankings 2021 (THE).

The Faculty of Engineering in Earth Sciences (FICT) is one of the eight faculties of ESPOL. FICT has four careers: Civil Engineering, Geology, Mining, and Petroleum. ESPOL currently has 13 internationally accredited programs, including Civil Engineering, Geology, and Mining.

In the institution, we work in management based on its actors. Every year we listen to their recommendations on the management of each of the careers, through an advisory committee, with the participation of companies representatives, institutions, graduates representatives, students representatives.

### ALLIANCES OF COOPERATION AND ARTICULATION.

In **the national cooperation** we can highlight the important collaboration with 7 universities in Ecuador (Yachay, Escuela Politécnica Nacional, Universidad Nacional de Loja, Universidad del Azuay), Women in Mining Ecuador, Asociación de Ingenieros de Minas del Ecuador (AIME), the United Nations Development Programme, Viceministerio de Minas, Asociación 12 de octubre, Asociación de Jancheras Unión y Progreso y Lundin Gold, among others.

In **international cooperation** we can highlight the close collaboration with the International Atomic Energy Agency (IAEA), University of Pisa with the Erasmus program, Universidad Politécnica de Madrid, Universidad de Oviedo, University of Bergen, Universidad Nacional de Colombia, Instituto de Investigación en Recursos Cinegéticos (IREC), Universidad Técnica Federico Santa María, Universidad Católica del Norte, University of Nevada-Reno, University of Porto, Ghent University, Colorado School of Mines and Duke University, among others.

As part of the **articulation of actions** through cooperation with other national and foreign institutions related to the mining sector, we highlight the following:

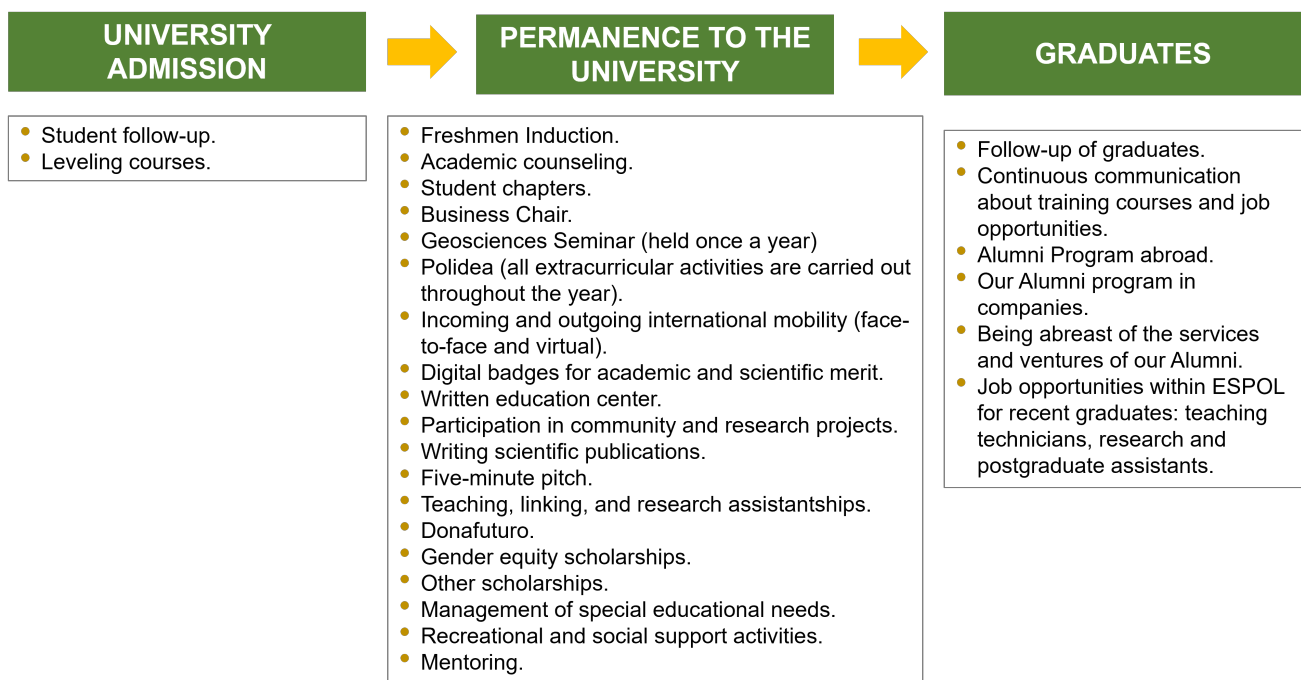
1. Erasmus program with the University of Pisa.
2. Course on community relationships held between 7 public universities in Ecuador and AIME.
3. Participation in important mining meetings in Ecuador: ENAEP and EXPOMINAS.
4. Mining for All Program between AIME and ESPOL, which is carried out every 15 days.





The following image presents the **most relevant strategies, actions, and programs of follow-up and support used during the training process of our students**, with a perspective of three stages: 1) from their initial stage of admission, 2) during the development of the career and 3) after their graduation.

### MANAGEMENT STRATEGIES IN THE FACULTY OF ENGINEERING IN EARTH SCIENCES OF ESPOL



Elaborated by:

Paola Romero Crespo

**DEAN FICT – ESPOL**

Mishel García Vela

**Technician FICT-ESPOL**

