

CIVIL ENGINEERING PROGRAM EDUCATIONAL OBJECTIVES

University of Concepción

The Educational Objectives of the program refer to what graduates are expected to attain within a few years of graduation

1. Our graduates will be professionals who use their knowledge of science, engineering tools and management to design efficient and sustainable processes, and solve complex engineering problems, addressing concerns on public health and safety, economic, environmental and social dimensions.
2. Our graduates will be ethical and socially responsible self-driven professionals who will promote innovative engineering solutions while displaying critical thinking and integrity, within a framework of broad understanding of human-process-product interactions.
3. Our graduates will be capable of exercising leadership and applying communication skills to work effectively and collaboratively in multidisciplinary teams, while fostering diversity, tolerance, freedom of speech, gender equity, and adding value to their organizations.
4. Our graduates will be intellectually curious and in pursue of continuous and systematic professional development to be able to understand, and adapt to scientific, technological, economic, and regulatory changes faced by the global society. They will be committed to a life-long learning process throughout their careers.