

## **CIVIL ENGINEERING PROGRAM EDUCATIONAL OBJECTIVES**

### **University of Concepción**

- 1.** Our graduates are 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 are ethical and socially responsible self-driven professionals who promote innovative engineering solutions while displaying critical thinking and integrity, within a framework of broad understanding of human-process-product interactions.
- 3.** Our graduates are 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 are intellectually curious and are 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 are committed to a life-long learning process throughout their careers.