

Program Outcomes (POs)

Bachelor of Science in Civil Engineering

By the time of graduation, the students of the Bachelor of Science in Civil Engineering (BSCE) shall have the ability to:

	Program Outcome
a	Apply knowledge of mathematics and science to solve complex civil engineering problems;
b	Design and conduct experiments, as well as to analyze and interpret data;
c	Design a system, component, or process to meet desired needs within realistic constraints, in accordance with standards;
d	Function in multidisciplinary and multi-cultural teams;
e	Identify, formulate, and solve complex civil engineering problems;
f	Understand professional and ethical responsibility;
g	Communicate effectively complex chemical engineering activities with the engineering community and with society at large;
h	Understand the impact of chemical engineering solutions in a global, economic, environmental, and societal context;
i	Recognize the need for, and engage in life-long learning;
j	Know contemporary issues;
k	Use techniques, skills, and modern engineering tools necessary for civil engineering practice.
l	Know and understand engineering and management principles as a member and leader of a team, and to manage projects in a multidisciplinary environment; and
m	Understand at least one specialized field of civil engineering practice.