

Bachelor of Science in Environmental Engineering

Department of Chemical and Environmental Engineering

Student Outcomes

- Objective 1:** An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
- Objective 2:** An ability to apply engineering design to produce solutions that meet specified needs with consideration for public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
- Objective 3:** An ability to communicate effectively with a range of audiences.
- Objective 4:** An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
- Objective 5:** An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
- Objective 6:** An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
- Objective 7:** An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.