Bachelor of Science in Environmental Engineering†
Department of Chemical and Environmental Engineering

Student Outcomes

**Outcome 1:**
An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

**Outcome 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.

**Outcome 3:**
An ability to communicate effectively with a range of audiences.

**Outcome 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.

**Outcome 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.

**Outcome 6:**
An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

**Outcome 7:**
An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

† Accredited by the Engineering Accreditation Commission of ABET, 415 North Charles Street, Baltimore, MD 21201 | 410.347.7700.