

# **ENV Program Educational Objectives**

- PEO1: Graduates practice proficiently environmental engineering as an individual and/or as a team in industry, government organizations, and private parties.
- PEO2: Graduates apply technical, legal, regulatory, social, environmental, economic, and ethical factors to engineering projects or work-related.
- PEO3: Graduates communicate effectively technical and non-technical aspects with all levels of stakeholders.
- PEO4: Graduates continue professional development and lifelong learning by obtaining professional licensure or certifications, continuing education credits, or postgraduate study.
- PEO5: Graduates engage in activities focused on the improvement of social responsibility and good morale for communities, locally, regionally, and/or globally.

## **ENV Student Outcomes**

Students from the ENV program will attain the followings (by the time of graduation):

- SO1: An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
- SO2: An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
- SO3: An ability to communicate effectively with a range of audiences
- SO4: An ability to recognize ethical and professional responsibilities in engineering situations and make informal judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
- SO5: 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
- SO6: An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- SO7: An ability to acquire and apply knowledge as needed, using appropriate learning strategies

## Number of Enrolled Students and Graduates

<b>Academic Year</b>	<b>Enrolled Students</b>
2017	42
2018	42
2019	41
2020	48
2021	47
2022	40
2023	44

<b>Academic Year</b>	<b>Graduates</b>
2017	45
2018	45
2019	30
2020	34
2021	28
2022	22