

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.
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.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Mapping Between PEOs & SOs

PEOs	SOs						
	1	2	3	4	5	6	7
1	■	■	□	□	◐	■	◐
2	■	■	◐	■	◐	■	■
3	□	□	■	■	■	□	□
4	□	■	■	■	■	□	■

■ Strongly correlated ◐ Moderately correlated □ Somewhat correlated

Faculty of Engineering

Department of Civil Engineering (CE)

Contact Information

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Overview

The Department of Civil Engineering (CE) at Al Ahliyya Amman University was established in September 2008 to meet the market demand for qualified civil engineers both locally and regionally. The first (44 students) were admitted in the second semester of the academic year 2008/2009. Since then, an increasing number of students is enrolled in the department every year forming a total number of (1023) undergraduate students. Our efforts are focused on providing students with the necessary knowledge and experience that enable them to compete in the labor market of the 21st century. More than, 554 civil engineers have graduated from the department and are serving their communities by working in private corporations or local governments.

The department has highly qualified and experienced full-time faculty members consisting of 2 professors, 5 associate professors, 7 assistant professors, and 4 lecturers, in addition to 7 laboratory engineers and one technician. The Department of Civil Engineering has a range of well-equipped laboratories including concrete materials, pavement, hydraulics, environmental, surveying and geotechnical.

The department has established a system that conforms to the highest academic standards. In this context, we constantly think about the future and update our B.Sc. program to meet the needs of the market. Also, the department offers M.Sc. degree program in Intelligent Transportation Systems (ITS), since the first semester of the academic year 2017/2018.

Mission

Our mission is to enhance the quality of education in the civil engineering fields and graduate competent, acquainted and qualified engineers who are capable to excel and compete locally and regional and to enhance scientific research.

Program Educational Objectives (PEO's)

The objective of the Civil Engineering program are to produce graduates who:

- PEO1:** Succeed and excel in developing sound solutions to civil engineering problems.
- PEO2:** Communicate and work competently in one or more core of civil engineering areas of practice or through graduate studies.
- PEO3:** Work effectively, conduct themselves ethically in their professional environment, and grow in their careers working on projects designed for the well-being of their society.
- PEO4:** Be aware of contemporary changes, engage in life-long learning in their profession, and acquire professional engineering registration.

Students Outcomes (SOs)

- 1.** An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
- 2.** 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.
- 3.** An ability to communicate effectively with a range of audiences.