

## PROGRAM STRUCTURE

The following table outlines the number of credit hours and courses required for successful completion of the BSCE program.

Course	No. of Courses	Credit Hours
Core	23	60
College	8	22
Major	17	51
Electives	2	6
<b>TOTAL</b>	<b>50</b>	<b>139</b>

## DEGREE PLAN



## FACTS ABOUT THE PROGRAM

- ✦ ABET Accredited program
- ✦ State-of-the-art laboratories
- ✦ Highly qualified faculty

## ADMISSION REQUIREMENTS

- ✦ Completed online application.
- ✦ Secondary school certificate or equivalent.
- ✦ General Aptitude Tests (Qudrat) or equivalent (SAT1)
- ✦ Standard Achievement Admission Test ( SAAT- Tahseely) or equivalent ( SAT2)
- ✦ PMU English Placement Test or valid IELTS certificate (Academic version) / TOEFL iBT with acceptable scores.



## HOW TO APPLY

- 🖥️ Apply Online → 📧 Receive verification email
- 📄 Complete your online application → 🏆 Receive Acceptance
- 💰 Pay the 1st installment



APPLY



PAY

## ADMISSIONS OFFICE

✉️ [enrollment@pmu.edu.sa](mailto:enrollment@pmu.edu.sa)

☎️ 800 1230 123 📞 +966 13 849 8880

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جامعة الأمير محمد بن فهد  
PRINCE MOHAMMAD BIN FAHD UNIVERSITY

## CIVIL ENGINEERING



كلية الهندسة  
COLLEGE OF ENGINEERING



WANT MORE INFO?

[PMU.edu.sa](http://PMU.edu.sa)

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Engineering Accreditation Commission

The Civil Engineering program at PMU is accredited by The Accreditation Board for Engineering and Technology, Inc.

## INTRODUCTION

Civil engineering is engineering discipline that deals with planning, design, construction, and operation of various physical and naturally built environments or infrastructures that are essential to our modern life. Civil engineering is one of the important majors favored by students who have future career plan as engineers. PMU offers a full-time bachelor degree program in civil engineering (BSCE) with 139 credit hours that can normally be completed within 8 semesters. The BSCE curriculum was originally developed by Texas international educational consortium (TIEC). the BSCE program at PMU has been accredited by ABET Engineering Accreditation Commission.

## WHY CIVIL ENGINEERING

As the world's population increases, and as environmental concerns mount, civil engineers will play a vital role in improving our quality of life for the years and centuries to come. The employment outlook for civil engineers is always very good. This is because civil engineering projects are always guided by economic and general population growth of a nation. More civil engineers will be needed to design and construct higher capacity transportation systems, water supply, pollution control systems, and large buildings and bridges.

Government of Saudi Arabia alone has invested hundreds of billions US dollar for building new infrastructures in the regions for several years to come. As our infrastructures aged, civil engineers also will be needed to repair or replace existing roads, bridges, and other public infrastructures.

## PROSPECTIVE STUDENTS

The CE department welcomes high school graduates with strong background in math and science as well as technology are encouraged to take civil engineering as their major and future career.

## PROGRAM OBJECTIVES

- ↳ Graduates have successful and professional careers in civil engineering and related industries, and meet the expectations of the prospective employers
- ↳ Graduates demonstrate leadership and effectively undertake services within their profession and contribute to sustainable development with positive impacts in their communities
- ↳ Graduates pursue their professional development through continuous lifelong learning; advanced studies; and membership in professional societies

## DEGREE REQUIREMENTS

The Department of Civil Engineering at Prince Mohammad Bin Fahd University (PMU) offers a Bachelor of Science (B.Sc.) degree in Civil Engineering that is accredited by ABET (Accreditation Board for Engineering and Technology, Inc.). Our curriculum is designed to ensure that graduates possess the technical competency to pursue professional engineering practices or an advanced degree. It also focuses on the importance of working in a team environment by developing communication skills and prepares students to engage in life-long learning.

The curriculum is organized according to the American system of semesters, courses and credit hours. To obtain a Bachelor of Science (B.Sc.) degree in Civil Engineering, you are required to complete 139 credit hours. The language of instruction is English. The typical degree completion time is 4 years.

## PROGRAM LEARNING OUTCOMES

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.
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.

## CAREER OPPORTUNITIES

**The employment outlook for civil engineer is always very good. This is because every nation including Saudi Arabia must continuously build and upgrade various infrastructures and their supporting industry to improve quality of life of its citizen. The following is example places as civil engineer:**

- ↳ Construction industry
- ↳ Project engineering and management
- ↳ Design engineering consultant
- ↳ Architectural firms
- ↳ Urban and municipality engineering
- ↳ Law firms, insurance offices