

PROGRAM STRUCTURE

Course	No. of Courses	Credit Hours
Core	26	70
College	9	29
Major	9	29
Electives	3	9
TOTAL	47	137

DEGREE PLAN



FACILITIES

Smart classrooms with Blackboard, Smartboard and Banner.








Labs: Sun, Electronics, Circuits, Robotics, Arduino, Cloud Computing. Android, iOS.

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

 800 1230 123  +966 13 849 8880



جامعة الأمير محمد بن فهد
PRINCE MOHAMMAD BIN FAHD UNIVERSITY

COMPUTER SCIENCE



كلية هندسة وعلوم الحاسب الآلي
COLLEGE OF COMPUTER ENGINEERING AND SCIENCE



WANT
MORE INFO?

PMU.edu.sa

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INTRODUCTION



Computer Science gives a thorough understanding of mathematic, scientific and engineering concept that covers the wide range of computer systems. Students are exposed to course such as data structure, algorithms and operating systems. Other topics also include artificial intelligence, operations research, computer architecture and organization.

WHY COMPUTER SCIENCE?

The computer science department in the College of Computer Engineering and Science at PMU provides students the theoretical foundations in the field of computer science and equips them with the practical knowledge needed to succeed in computer industry.

In the world of today, computer science has applications in almost every aspect of life such as medicine, finance, aviation, security, communication, and so on. With such widespread use of computers these days, studying computer science broadens the horizon of our graduates in the job market. We are proud to have faculties from all around the world with expertise in a variety of application areas including Artificial Intelligence, Computer Networks, Databases, Human-Computer Interaction, Operating Systems, Algorithms, Software Engineering, Business Intelligence, Programming Languages, and Computer Organization and Architecture.

PROGRAM OBJECTIVES

- Graduates will pursue successful careers as professionals and/or undertake graduate studies
- Graduates will pursue state-of-the-art solutions to computing problems, and evaluate and embrace new technologies
- Graduates will demonstrate professional and ethical responsibilities in their careers and engage in self-learning activities
- Graduates will undertake leadership roles in industry and make positive impact in the development of their communities

PROGRAM OUTCOMES

- Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- Apply computer science theory and software development fundamentals to produce computing-based solutions.

CAREER OPPORTUNITIES

Potential careers of the CS Graduate:

- Application Developer/programmer
- Simulation Specialist
- Graphics, AI and Vision Engineer
- Multimedia and Web Design
- Database Developer/Admin
- Systems Analysis
- Software Engineer

CERTIFICATION PREPARATION

