

MAKE IT HAPPEN



Prepared by the Artificial Intelligence Research Center (AIRC), Ajman University, Ajman, UAE

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Ajman university Colleges

36 programs – 22 undergraduate and 14 graduate – all of which are accredited by the UAE Ministry of Education.



Ajman university Colleges



College of
Dentistry



College of
**Pharmacy and
Health Sciences**



College of
**Architecture,
Art and Design**



College of
**Business
Administration**



College of
Law



College of
**Mass
Communication**



College of
**Humanities and
Sciences**



College of
Medicine



College of
**Engineering and
Information
Technology**



College of Engineering and Information Technology

Bachelor of Science in Electrical Engineering	Bachelor of Science in Biomedical Engineering	Bachelor of Science in Mechanical Engineering	Bachelor of Science in Civil Engineering	Bachelor of Science in Computer Engineering
<p>Undergraduate Programs Total Cr.Hrs :142</p> <p>Graduates of electrical engineering pursue careers in a wide range of industries and services, including :</p> <ul style="list-style-type: none">• Electronic and computer industries• Industrial manufacturing plants• Electrical power distribution services• Renewable energy system design companies	<p>Undergraduate Programs Total Cr.Hrs :141</p> <p>Graduates will be qualified to work in the following areas:</p> <ul style="list-style-type: none">• Design, maintain, develop and test medical devices and systems.• Manufacturer's representatives and sales engineers for medical equipment and services	<p>Undergraduate Programs Total Cr.Hrs :141</p> <p>Graduates of mechanical engineering find career opportunities in a wide range of industries like:</p> <ul style="list-style-type: none">• Power and energy.• Automation and manufacturing.• Aerospace and transportation.• Services and logistics.• Building and construction.• Healthcare and medical equipment.	<p>Undergraduate Programs Total Cr.Hrs :141</p> <p>Graduates will be qualified to work as :</p> <ul style="list-style-type: none">• Structural engineers.• Transportation, traffic and highway engineers.• Geotechnical engineers.• Environmental and water engineers.	<p>Undergraduate Programs Total Cr.Hrs :140</p> <p>Graduates of the computer engineering program can work in a wide range of industries and services, including :</p> <ul style="list-style-type: none">• Industries engaged in the field of computer hardware and software development.• Companies operating in the area of information systems and computer networks.• Computer services of public administration.



College of Engineering and Information Technology

Bachelor of Science in Information Systems	Bachelor of Science in Information Technology	Bachelor of Science in Data Analytics
<p>Undergraduate Programs Total Cr.Hrs :123</p> <p>Information system graduates are required to meet the demands of various stakeholders including :</p> <ul style="list-style-type: none">• Industry.• Commerce.• Education.• Health.• Finance.	<p>Undergraduate Programs Total Cr.Hrs :123</p> <p>Graduates of the Information Technology job opportunities may include :</p> <ul style="list-style-type: none">• IT project management.• Professional IT consultant.• network administration and management• Database administration and management.	<p>Undergraduate Programs Total Cr.Hrs :123</p> <p>Graduates of the Data Analytics program will be equipped with required knowledge and skills to undertake a variety of job positions such as :</p> <ul style="list-style-type: none">• Data analyst.• Big data engineer.• Business intelligence analyst.• Information management architect.

02

Success stories of our Alumni



Success stories of our Alumni

Mohamed Osman

Biomedical Engineer

01

- BME selected among the World's Most Influential Arabs
- Young Achiever in the Field of Biomedical Engineering Award- World Medical Council

Ali Mohamdi

Computer Engineering

02

- Teaching Assistant
- Etisalat Engineer – DS&CE
- Data Analytics- RTA

03

The Artificial Intelligence Research Center (AIRC)



About the Center (AIRC)

Overview

The Artificial Intelligence Research Center (AIRC) at Ajman University was set-up in 2021, The aim of AIRC is to achieve its objectives by fostering collaboration between professional research groups in the areas of AI, robotics, and biomedical engineering.

Areas of research in AIRC

- Evolutionary Computation
- Machine Learning and Deep Learning
- Data Science
- the AIRC also focusses on research in the areas of Robotics & Machine Vision and Natural Language Processing

Workshops

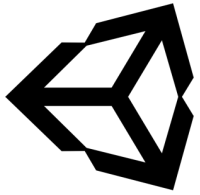
- The Gate for professional Documents using Latex for Master Student and Faculty Members.
- Python and Data Engineering Fundamentals for Master Student.
- Hands-On Python Workshop for School students.
- Master Unity 3d game development for School students.

04

AIRC Workshops for School Students



AIRC Workshops for Schools



Master
Unity 3d
game
development



Hands-On
Python

Benefits

- Get Certified by Artificial Intelligence Research Center(AIRC-AU).

