

MULTIMEDIA SYSTEMS

Degree Level: Undergraduate



BAHRAIN
COLLEGE OF
INFORMATION TECHNOLOGY



Qualification type



Location



Study mode



Delivery Language



Duration

Bachelor's Degree

Main Campus

Full Time

English

Four Years

KEY FACTS

SDG



NQF*

NQF Placed 2018 & 2020
Reference Q16-014 Level 8

BQA**

Confidence (2014 and 2021)

Study Abroad

Yes

Internship

Yes

Contact Person

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*National Qualifications Framework

**The Education and Training Quality Authority

OVERVIEW

This degree is designed to provide the students with knowledge and learning in the various areas of Multimedia. It is aimed to provide students with critical competences and cutting-edge skills of core multimedia, computer interaction, web programming, web design, 3D Design and animation, video processing, audio processing and graphic design.

It is also targeted to enable students to critically analyze, identify, and solve real-world multimedia problems; to design, implement, and evaluate a complete multimedia system to meet desired needs.

Moreover, the students acquire skills to manage multimedia effectively and integrate the multimedia systems into the user environment. It is also targeted that the students acquire an ability of a keen appreciation to demonstrate, professionalism and ethical behavior, including responsible teamwork, creativity and communication skills with professional attitudes, and be prepared for the complexity of the actual work environment and life-long learning.

PROGRAMME AIMS

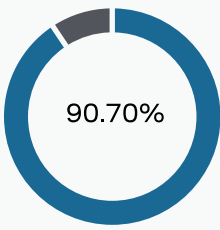
The aim of the Multimedia Systems programme is to:

- Provide a high quality undergraduate educational program in Multimedia Systems needed for their career opportunities or postgraduate education.
- Enable students to critically analyse, identify and solve real-world problems; to design, implement, and evaluate a multimedia system, or component, to meet desired needs.
- Instil in students a keen appreciation of and to demonstrate professionalism and ethical behaviour. This includes responsible teamwork, creativity and communication skills with professional attitudes and to prepare them for the complex actual work environment and for life-long learning.

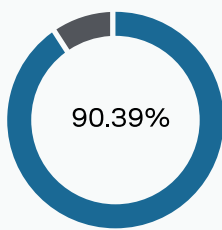


GENERAL STATISTICS

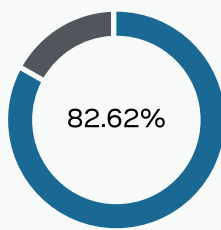
Employer Satisfaction



Student Internship Satisfaction



Graduate Satisfaction



ENTRY REQUIREMENTS

Admission to Ahlia University (AU) is selective based on academic achievements. Applications are welcomed from all students regardless of race, colour, gender, religion, nationality, physical or learning disability. Admission is purely based on merit.

General Requirements

To be eligible for consideration for admission to the undergraduate programmes, applicants must meet the following entry requirements set by the university in-line with Bahrain Higher Education Council requirements:

- The applicant must hold a recognised and endorsed secondary school certificate or its equivalent
- The applicant must be medically fit for the academic programme they wish to enrol in

Specific Requirements

The applicants who meet the following programme specific admission requirements will be admitted to the programme:

Bachelor's Degree in Multimedia Systems	Academic Score in the Secondary School Certificate (Tawjihia) or its Equivalent		
	Unconditional Acceptance	Conditional Acceptance; Passing An Interview	Tracks Accepted
	65%	50%	Science, Technical, Commercial & General

Orientation Programme

The Orientation Programme is a one-semester programme offered to full-time students who do not fully meet some of the admissions criteria (eg. english proficiency) but intend to pursue their education at Ahlia University.

Placement Tests

The university administers placement tests in English language and Mathematics. Students who pass these exams are exempted from the orientation programme.

FEES

Structured around 134 credit-hours covering 45 courses. The duration of study for each course is fifteen weeks, covering approximately 45 lecture hours.

Application Fee	BD 20
Registration Fee	BD 200
Placement Tests Fee (if applicable)	BD 40
Orientation Courses (if applicable)	BD 1,200
100 Level Courses - 12 courses (BD 300 Per Course)	BD 3,600
200 Level Courses - 11 courses (BD 330 Per Course)	BD 3,630
300 Level Courses - 11 courses (BD 360 Per Course)	BD 3,960
400 Level Courses - 11 courses (BD 390 Per Course)	BD 4,290
TOTAL	BD 16,940

STUDY PLAN

First Year

The student follows university requirement courses: English, Calculus, Physics, Statistics, Human Rights, Modern History of Bahrain and Introduction to Computers and Introduction to Programming.

Second Year

The student will go deeper into programming by learning object oriented programming languages, visual programming and the concepts of data structures.

Third Year

The student will focus on multimedia by learning Human Computer Interaction, Multimedia Software (Image Processing, Video Montage, Graphics Design, and Audio Processing) and Designing and Programming Web Sites.

Fourth Year

The student will start to embrace 3D Graphics by learning how to model objects and animate them. Moreover the student will learn how to create multimedia applications using appropriate tools and software. The student will complete a major project as part of the course.