MULTIMEDIA SYSTEMS
Degree Level: Undergraduate

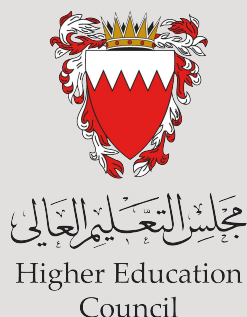**AHLIA UNIVERSITY**
BAHRAIN

COLLEGE OF
INFORMATION TECHNOLOGY

Qualification type	Location	Study mode	Delivery Language	Duration
Bachelor's Degree	Main Campus	Full Time	English	Four Years

Programme Achievements

NQF*
Validated and Listed

BQA**
Full Confidence

مجلس التعليم العالي
Higher Education Council

Contact Persons

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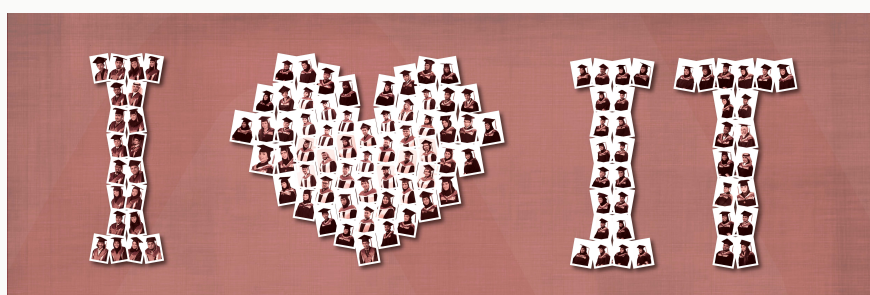
It is also targeted to enable students to critically analyze, identify, and solve real-world multimedia problems; to design, implement, and evaluate a complete multimedia system to meet desired needs.

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:
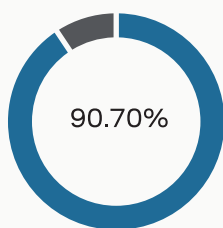
- **Exhibit the relevant skills and knowledge for pursuing the Multimedia System career in industry including corporate as well as government sector.**

- **Pursue life-long learning leading to entrepreneurship, research and development.**

- **Contribute to the society through their ethical and professional norms by demonstrating them in Multimedia Systems professions.**
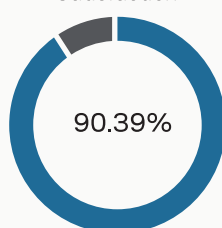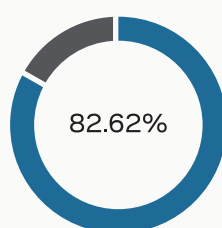
GENERAL STATISTICS

Employer Satisfaction
90.70%

Student Internship Satisfaction
90.39%

Graduate Satisfaction
82.62%

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**
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**
Placement Tests Fee (if applicable)	*BD 20 per Test*
Orientation Courses (if applicable)	*BD 300 per Course*

STUDY PLAN

First Year

FIRST SEMESTER

ARAB	101	Composition for Native Speakers of Arabic
ENGL	101	Academic English I
ITCS	101	Introduction to Computers & IT
MATH	101	Calculus I
HUMR	101	Principles of Human Rights
PHYS	101	General Physics I

SECOND SEMESTER

ENGL	102	Academic English II
HIST	121	Modern History of Bahrain
ITCS	122	Introduction to Programming Techniques
MATH	102	Calculus II
STAT	101	Introduction to Statistics

Second Year

FIRST SEMESTER

ENGL	201	Academic English III
ITCS	201	Object‑Oriented Programming I
XXXX	XXX	Free Elective I
ITCS	209	Discrete Structures
ITMS	201	Introduction to Multimedia Systems

SECOND SEMESTER

ENGL	213	Report Writing
ITMS	205	Internet Applications and Services
ITCS	214	Computer Systems
ITMS	207	Graphics Design I
ITMS	212	Multimedia Design
ITMS	221	Sound Engineering

Third Year

FIRST SEMESTER

ITMS	305	Video Production
ITMS	302	Human Computer Interaction
ITCS	323	Database Systems: Design and Application
ITMS	317	Graphic Design II
HU/SS	XXX	Humanities/ Social Sciences

SECOND SEMESTER

ETHC	392	Ethics and Professional Practice in IT and Engineering
ITCS	349	IT Innovation and Entrepreneurship
ITMS	313	Game Development I
ITMS	335	Web Programming I
ITMS	3XX	Major Elective I
ECTE	329	Computer Networks

SUMMER SEMESTER

INTR	464	BSMS Internship

Fourth Year

FIRST SEMESTER

ITCS	409	Operating Systems
ITMS	428	3D Design
ITCS	427	Mobile Computing
ITRD	498	Research and Development in Information Technology
ITMS/CS	4XX	Major Elective II
ITMS	418	Computer Animation I

SECOND SEMESTER

ITMS	432	Game Development II
ITMS	438	Computer Animation II
ITMS/CS	4XX	Major Elective III
ITMS	421	Web Programming II
ITMS	499	Major Project