

## HIGHER EDUCATION IN JORDAN<sup>1</sup>

The Hashemite Kingdom of Jordan is located in the heart of the Middle East and the Arab World. Jordan is bordered on the north by Syria, on the east by Iraq and Saudi Arabia, on the south by Saudi Arabia and the Gulf of Aqaba, its only sea outlet, which gives access to the Red Sea. Its western boundary is the famous Jordan River, the Dead Sea and the West Bank. Jordan is the crossroads of the Middle East and is within easy reach of all major European cities as well as the African continent.



The land of Jordan has been, for eight millenniums, a center of civilization. The great wealth of history and culture appears all over the country to the extent that Jordan can be considered an immense open museum. The famous historic sites are; Wadi Rum, Petra the capital of the Nabataean Arabs in Southern Jordan, Jerash, Rabad, Azrak, and Ma'an. The total area of the country is (96,188) km<sup>2</sup>. Jordan has one of the best climates in the Middle East and it is as diverse as its scenery. It is influenced by the mountains on the West, and the desert on the East. Jordan's climate year-round is pleasant. Arabic is the official language. English is the second language and is spoken at every level throughout the country.

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### Brief History on Higher Education in Jordan

Higher education in Jordan began with the second half of the twentieth century, namely the sixties, when numerous Teachers' Colleges were established throughout the country. Their establishment provided the necessary teaching manpower needed to meet the high demand on school education characterizing that era.

The first public Jordanian university, the University of Jordan, was established in 1962. Yarmouk University followed in 1976, and six more public universities were established in different parts of the Kingdom since that date. In 1989 the Council of Higher Education endorsed the first policy document authorizing the establishment of private universities. Amman University, the first Jordanian private university, was established in 1990. An impressive number of twelve more private universities were founded since that date.



**Non-university** education is offered at Community Colleges, which were created in 1981 by converting and expanding the existent Teacher Colleges. These institutions are meant to offer specialized, career-oriented training, and prepare their students for work in middle-level professions. All community colleges are supervised by and affiliated to Al-Balqa Applied University, which is a Jordanian public university.

### The Ministry of Higher Education & Scientific Research

The Jordanian Council of Higher Education was established in 1982 in response to the need for regulation and planning of higher education policies and coordination among Jordanian public universities. The Council formed the core for the Ministry of Higher Education & Scientific Research, which was established in 1985. The Ministry and the Council undertook the mission of applying the government's educational policies at post-secondary level, and of legislating up-to-date laws on higher education.

The Ministry of Higher Education was annulled in 1998, but was re-established in August 2001 according to instructions by His Majesty King Abdullah II, and renamed as *The Ministry of Higher Education and Scientific Research*.

**The New Higher Education Law in Jordan:** Consequently, a new Law on Higher Education was endorsed: Law no. 41 for the year 2001, which cancelled the previous Law. By this law, a Ministry of Higher Education & Scientific Research was established, and took over supervising all higher education issues, and includes the following Councils:

- The Higher Education Council (which comprises the Higher Committee for Scientific Research)
- The Accreditation Council

The new Higher Education Law assigned the [Ministry of Higher Education & Scientific Research](#) the following prominent [functions](#):

- 1- Implementing the general policy of higher education in Jordan.
- 2- Coordinating between higher education institutions and public and private centers for consultations and research.
- 3- Signing cultural and scientific agreements in the field of higher education and scientific research.
- 4- Representing Jordan in international conferences and symposia on higher education.
- 5- Recognizing foreign institutions of higher education and equating certificates issued by them.
- 6- Setting student eligibility rules for scholarships inside and outside Jordan.
- 7- Following up the affairs of Jordanian students abroad through Jordanian cultural counselors.

The Law gave the [Higher Education Council](#) the following main functions:

- 1- Formulating the general policy of higher education in Jordan.
- 2- Endorsing the establishment of new higher education institutions.
- 3- Issuing instructions concerning administration and finance of the higher education sector.
- 4- Coordinating between local higher education institutions.
- 5- Evaluating the quality of higher education in terms of sufficiency and efficiency.
- 6- Determining the basic admission requirements at higher education institutions.

The [Accreditation Council](#) is given by the same law the following major duties:

- 1- Defining the regulations for the accreditation of higher education institutions, amending and developing them in light of the general policy of higher education.
- 2- Supervising the performance of higher education institutions and their commitment to applying the rules of accreditation.
- 3- Appointing the specialized committees needed to carry out the tasks of the Accreditation Council.
- 4- Ensuring that institutions of higher education reach their pre-defined goals through continuous evaluation of their programs.
- 5- Proposing schemes for regulations and rules of the Council's duties.
- 6- Publishing the decisions the Council takes concerning accreditation in the official media.

### [Jordanian Universities](#)

At present, there are eight public and thirteen private universities in Jordan. The Bachelor's degree is offered at both types, while Master's and Doctorate degrees are confined to public universities, except for "Amman Arab University for Graduate studies", which is a private university specialized in offering Master's and Doctorate degrees.

### *Public universities (with dates of foundation)*

- The University of Jordan (1962)
- Yarmouk University (1976)
- Mu'tah University (1981)
- Al-Hussein bin Talal University (1999)
- Jordan University of Science and Technology (1986)
- Al-Albeit University (1993)
- Al-Hashemite University (Zarqa Public University) (1992)
- Al-Balqa Applied University (1997)

### *Private universities (with dates of foundation)*

- Amman University (1990)
- Petra University (1991)
- Philadelphia University (1991)
- Applied Science University (1991)
- Al Isra University (1991)
- Princess Sumaya University of Technology (1991)
- Jordan Academy of Music (1990)
- Al-Zaytounah University (1992)
- Jerash University (1992)
- Zarqa University (1994)
- Irbid University (1995)
- University College of Educational Sciences (1993)
- Amman Arab University for Graduate Studies (1997)

## **THE UNIVERSITY OF JORDAN**

The University of Jordan is both a modern as well as old institution of Higher Education in Jordan. Established in 1962, the University has, since then, applied itself to the advancement of knowledge no less than to its dissemination.

In its capacity as a comprehensive teaching, research and community-service institution, the University of Jordan enables its students to choose from a wide range of programs - more than 3500 different courses are offered by some 18 faculties.

Many current and former staff members head important academic, administrative, and political establishments in the Kingdom; many have served as ministers in a number of government cabinets, top advisers to the Jordanian leadership, members of Parliament, and presidents of Jordanian public and private universities. Among its more than 961 faculty members are freelance

writers in the national newspapers and magazines as well as consultants for the radio and TV stations, poets, novelists, short-story writers, and literary critics. Many have also offered their services to some neighboring countries, and many teach or have taught at a number of prestigious universities all over the world. Most faculty members are active participants in conferences, workshops, and symposia abroad; and most take advantage of the various research and exchange awards. Given the global outlook, the progressive thinking and diverse background, these faculty members shoulder the responsibility of delivering a quality education to the 25,000 students who are pursuing a wide variety of undergraduate and graduate programs.

At the undergraduate level, students have the choice to select from among 59 different programs in the Arts, Business Administration, Science, Shari'a (Islamic Studies), Medicine, Nursing, Agriculture, Educational Sciences, Engineering and Technology, Law, Physical Education, Pharmacy, Dentistry, Humanities and Social Sciences, Rehabilitation Sciences, Information Technology and, most recently, Arts and Design.

For those interested in graduate education, the University offers 22 doctoral programs, 61 Master's programs, 17 programs in Higher Specialization in Medicine, one program in Higher Specialization in Dentistry, five Professional Diploma Programs, and three interdisciplinary Master's programs across the wide spectrum of academic disciplines.

From an international perspective, the University offers 59 international programs at the undergraduate level, and 61 international programs at the graduate level and in all fields of specializations.

The University has opened up two further opportunities of admission to individuals who wish to continue their university education without having to quit their jobs. The Evening Studies Program, which started in the fall semester 2001/2002, and Distance Education, dimensions of which have already started, are two new channels of education which the University is keen on making succeed.

All programs offered by the University combine traditional academic lecturing with the more liberal methodologies of instruction that are based on dialogue, research and creative thinking. Theoretical instruction is further assisted with interactive multimedia teaching techniques and computer-based instructional materials to support, and eventually discard, traditional teaching methodologies. Field work, practical training, and applied research are essential components of most of the programs offered by the University. For sometime, the University of Jordan has been introducing and implementing the principles of Total Quality Management (TQM). With respect to Information Technologies, the University is very well-positioned.

## **Faculties**

There are eighteen faculties at the University of Jordan, as listed below.

### **1. Faculty of Arts**

This faculty comprises the following Departments:

- Arabic Language and Literature.
- English Language and Literature.
- French Language and Literature.

- Modern Languages (German, Italian, Spanish and other languages)
- Department of linguistics & Phonetics

## **2. Faculty of Business Administration**

The Faculty of Business Administration comprises the following departments:

- Department of Business Management
- Department of Accounting
- Department of Finance
- Department of Marketing
- Department of Management Information system
- Department of Public Administration

## **3. Faculty of Science**

It comprises the following departments:

- Mathematics
- Physics
- Chemistry
- Biological Sciences
- Environmental and Applied Geology
- Actuarial sciences
- Medical Analysis

## **4. Faculty of Shari'a (Islamic Studies)**

It comprises the following departments:

- Foundations of Religion
- Foundations of Fiqh (Jurisprudence)

## **5. Faculty of Medicine**

The Faculty is composed of ten academic departments. These include:

- Anatomy and Histology
- Physiology and Biochemistry
- Pathology & Microbiology & Forensic Medicine
- Pharmacology
- Family and Community Medicine
- Internal Medicine
- General Surgery and Anesthesia
- Pediatrics
- Obstetrics and Gynecology
- Special Surgery

## **6. Faculty of Nursing**

The Faculty established three departments that shoulder the responsibility of offering and teaching theoretical and clinical courses according to their areas of specialization:

- Community Health Nursing.
- Maternal and Child Health Nursing Department.
- Clinical Nursing Department.

## **7. Faculty of Agriculture**

The Faculty comprises six academic departments and other administrative and research units. These departments are:

- Department of Horticulture and Crop Science
- Department of Animal Production
- Department of Nutrition and Food Technology
- Department of Land, Water and Environment
- Department of Agricultural Economics and Agribusiness
- Department of Plant Protection

## **8. Faculty of Educational Sciences**

The faculty consists of the following departments:

- Curriculum and Instruction
- Counseling and Special Education
- Educational Administration and Foundation
- Educational Psychology

## **9. Faculty of Engineering & Technology**

The Faculty of Engineering & Technology consists of the following departments:

- Civil Engineering
- Architecture Engineering
- Electrical Engineering
- Mechanical Engineering
- Chemical Engineering
- Industrial Engineering
- Computer Engineering
- Mechatronics Engineering Program

## **10. Faculty of Law**

The Faculty of Law has two departments:

- Private Law
- Public law

## **11. Faculty of Physical Education**

The Faculty comprises three academic departments:

- Instruction and Supervision in Physical Education.
- Health and Recreation.
- Management and Coaching in Physical Education.

## **12. Faculty of Pharmacy**

The faculty comprises the following departments:

- Pharmaceutical Sciences
- Pharmaceutics and Pharmaceutical Technology
- Biopharmaceutics and Clinical Pharmacy

## **13. Faculty of Dentistry**

The Faculty of Dentistry comprises the following departments:

- Conservative Dentistry and Prosthodontics
- Pediatric Dentistry, Orthodontics and Preventive Dentistry
- Oral Surgery, Oral Medicine, Periodontology

## **14. Faculty of Humanities & Social Sciences**

The faculty comprises the following departments:

- Philosophy
- History
- Archaeology
- Sociology
- Geography
- Psychology
- Economics
- Political Science
- Program of Hebraic Studies
- Program of Social Work

## **15. Faculty of Graduate Studies**

## **16. Faculty of Rehabilitation Sciences**

It has the following academic departments:

- Physiotherapy

- Occupational Therapy
- Orthotics and Prosthetics
- Physical Therapy Department
- Speech and Hearing sciences Department

### **17. King Abdullah II School for Information Technology**

King Abdullah II School for Information Technology consists of the following departments:

- Computer Science
- Computer Information Systems
- Business Information Systems

### **18. Faculty of Arts and Design**

The College of Arts and Design has three departments:

- The Department of Visual Arts
- The Music Department
- Theater Department

### **Deanships ...**

Deanship of Academic Research

Deanship of Students' Affairs

## **YARMOUK UNIVERSITY**

Founded in 1976 by a Royal Decree, Yarmouk University (YU) has grown both in size and stature over the years. It has become a leading institution of higher learning, known for its dedication to service, its innovative approach to academic management and human resource development, and its relentless pursuit of excellence in all fields of research and instruction. As chartered, the University is a governmental institution that enjoys a considerable degree of autonomy.

It is governed by a Board of Trustees, and Board members are appointed by a Royal Decree for finite terms. The University is managed according to a set of laws and bylaws specifically adopted for higher education in general and for YU in particular.

The University's mission comprises three components. The first is to provide quality education to its students in the various fields of specialization and at different levels of achievements ranging from the undergraduate levels to the M. Sc. and Ph. D. levels. The second component is to engage its faculty and students in relevant and timely research programs that would be needed to fuel economic growth and development of the country, and that would also contribute to human welfare and prosperity in its wider context. The third is to render public service at the local,

national, and international levels through fostering a dynamic environment of cultural enrichment, and the provision of educational and training opportunities to non-student groups.

In discharging its mission, the University seeks to impart to its students the doctrine of free thought, and the ability to analyze the issues boldly and adopt the most appropriate stand called for. Students are tutored not only in the contents of textbooks and references, but also in what makes them good citizens and leaders of the future. They are given a truly rounded education. Extra-curricular activities are designed not only to laud the virtues of sound moral values steeped in the rich heritage of our Arab Islamic culture, but also to strengthen their character with experiential knowledge. They are trained to employ the scientific method for analysis and problem solving as a discipline of the mind, and to apply it in all walks of life.

The profile of our student body is a fairly accurate fulfillment of these goals and objectives. Student enrollment stood at 17,800 at the beginning of the academic year 1999-2000. Nearly 11% were non-Jordanian, with some 46 nationalities represented on the campus. This goes a long way towards the enhancement of cross-cultural experience. The university is co-educational, and around 52% of the student body were female.

The University is linked to many other universities through bilateral agreements for cooperation, collaboration, and exchange of faculty members and students. These include regional Arab universities, as well as European, North American, and Asian universities.

Most students, or nearly 90%, were enrolled in undergraduate programs distributed among 8 faculties and 34 departments. Graduate programs at the M. Sc. level were offered in 27 areas of specialization; and at the Ph. D. level in 6 areas. The faculties comprise the following:

### **1. Faculty of Arts**

The faculty has the following Departments:

- Arabic Language and Literature.
- English Language and Literature.
- History.
- Journalism and Mass Communication.
- Modern Languages.
- Sociology.
- Political Sciences.
- Geography (under construction).
- The Semitic and Oriental Languages (under construction).

### **2. Faculty of Science**

The faculty consists of the following departments:

- Biology
- Chemistry
- Earth and Environment science
- Physics
- Statistics

- Mathematics

### **3. Faculty of Education**

The faculty includes the following departments:

- Curriculum and Instruction.
- Counseling and Educational Psychology.
- Educational Administration and Foundations of Education.

### **4. Faculty of Economics and Administrative Sciences**

The faculty includes the following departments:

- Economics
- Business Administration
- Accounting
- Public Administration
- Banking and Finance
- Marketing

### **5. Faculty of Information Technology and Computer Sciences**

The faculty includes the following departments:

- Computer Sciences
- Computer Information Systems
- Management Information Systems

### **6. Hijjawi Faculty for Technological Engineering**

Four Bachelor degree programs are offered at the college:

- Electronics Engineering
- Communications Engineering
- Computer Engineering
- Electric Power Engineering

### **7. Faculty of Law**

### **8. Faculty of Shari'a and Islamic studies**

### **9. Faculty of Fine Arts**

Yarmouk University also includes two Deanships:

- **Deanship of Scientific Research and Graduate Studies**
- **Deanship of Student Affairs**

In addition, there are a number of research centers and one institute, the Institute of Archeology and Anthropology, which exclusively offers graduate degree programs at the M. Sc. level. The centers, on the other hand, are all research and/or training oriented, and include the following:

- Computer and Information Center
- Center of Theoretical and Applied Physics.
- The Educational Research and Development Center
- Jordanian Studies Center.
- Consultation and Community Service Center
- Languages Center
- Aqaba Marine Science Center.
- Refugees, Displaced Persons and Forced Migration Studies Center.
- Speech and Hearing Center

### **MU'TAH UNIVERSITY**

Mu'tah University was established in 1981 by a Royal Decree as a military institution of higher education. Later, in 1986, a civilian wing was added to the University. The philosophy behind the establishment of the Mu'tah University originates from an ambition of the Late HM King Hussein to fulfill Jordan's role as being an inheritor of "The Great Arab Revolt", the greatest Arab revolution in contemporary history. Stemming from this philosophy and to enable the country to steadily face future challenges, Mu'tah University with its military/civilian nature is continuously endeavoring to supply the Jordanian society with competent graduates equipped with both scientific and cultural background coupled with leadership qualities. The University was named after a famous battle that marked the first encounter outside the Arabian Peninsula between Muslim and Byzantine forces in 629 AD and it was actually built on the same site where that battle took place.

Until 1985, a Special Royal Commission acted both as the University Board of Trustees and the University Council. In 1985, the Council of Higher Education took over the responsibilities of the Board of Trustees and the special Royal Commission continued to perform its duties as the University Council until the University formed its own Council in 1997.

The location of Mu'tah University in the southern part of Jordan, the less developed part of the country, is meant to serve as a source of enlightenment, modernization and development of this region. The Jordanian economic and social development plans have designated this region as a target area for some important and expensive investment projects. These include phosphate, potash, cement, fertilizers, electricity generation and tourism. The implementation and management of these industries and projects need highly trained human resources as well as new technologies and skills, which will hopefully be provided by Mu'tah University.

The University is currently undergoing vigorous expansions in all academic domains so as to enhance its role in serving the local community and the country as whole in addition to providing quality education for the students. At present, the University comprises eleven faculties, which are:

- Arts,
- Engineering,

- Science,
- Law,
- Economic and Administrative Sciences,
- Education,
- Sports Sciences,
- Shari'ah,
- Agriculture,
- Nursing and Paramedics, and
- Medicine.

This is in addition to the following units:

- Deanship of Students' Affairs,
- Deanship of Scientific Research,
- Deanship of Higher Studies,
- Center for Southern Studies and Continuing Education,
- Computer Center,

and many other facilities. All of the above faculties are equipped with the most modern laboratories and computers to serve teaching and research.

In the field of postgraduate studies, the University has recently established a Ph. D. program in Arabic language and literature in addition to various master programs in Mathematics, Arabic and English Languages, Geography and Electrical Engineering (Communications), Law and Police Studies. There are plans for establishing other programs to keep up with contemporary changes in science, technology and education. The University ranks as number one amongst Jordanian Universities in enrollment for evening studies. The evening studies program has been established with the aim of serving employees in the local community and in Jordan as a whole to continue their education. In addition, the University offers Parallel Studies Programs in many fields of studies.

Mu'tah University is considered now as one of the biggest universities in the country with a total student population of nearly 16,000 students from all over the country and abroad.

## **JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY**

The Jordan University of Science and Technology (JUST), which has its roots at Yarmouk University, was established on September 1, 1986 as an autonomous national institute of higher learning. In consequence, five faculties were detached from Yarmouk to form an integral part of the University and instruction began in September 1986.

Since its foundation, the University has witnessed rapid expansion: the number of faculties rose from the five faculties to become eleven including (56) academic departments offering (53) undergraduate programs and (87) graduate programs.

The students' numbers rose from (2300) students in the year 86/87 to more than (14500) students in the academic year 2003/2004 instructed by (610) faculty members compared with (110) in the year when the University was founded. The University has become a "home away from home" for students from (41) foreign and Arab countries, all of which contribute to the varied cultural life of the University.

### Location

Under adverse canopy of 135,000 trees, the University Campus sits at 70 km north of Amman, the capital of Jordan, and 20 km east of Irbid City. The campus, which covers 11 square kilometers, features main buildings with total area of 355,000 square meters that were constructed according to the latest architectural designs confirming to the natures of its scientific faculties.

The campus also includes: the University farm, outstanding teaching and research facilities in the fields of computers, engineering, electronics, industry, environment and medicine that are complemented by cultural and recreational facilities: 12 auditoriums, a music hall, fine arts galleries, museums, 8 restaurants, housing complex, workshops, modern libraries, clinic, sports gyms, tennis courts, and football playground which include more than 7000 seats. Those facilities are linked with 160 km of illuminated modern roads.

Such a campus reflects the University's ambition to become the most prestigious technological university in the region, and as His Majesty late King Hussein had described it:

*"I am confident that this University will grow and develop in the near future in the fields of scientific research and technological training and will definitely achieve its goals". (13 June 1989)*

### Faculties, Departments, and Programs

JUST comprises eleven faculties and a number of departments as shown below. All departments offer the Bachelor's degree, often in more than one program of study. Concerning graduate programs, most departments offer the Master's degree, higher diploma, and/or higher specialties; and some of them offer the Ph.D., as summarized in the following table.

Faculty	Academic Department	Program	Diploma	Higher Specialty	M.Sc.	Ph.D.
Engineering	Architectural Engineering	Architectural Engineering			✓	
		Urban Planning & Studies			✓	
		Cultural Resources Management (CRM)			✓	
	Civil Engineering	Structures			✓	
		Highway & Transportation			✓	✓
		Environment & Water Resources			✓	

Faculty	Academic Department	Program	Diploma	Higher Specialty	M.Sc.	Ph.D.	
		Geotechnical (Soil & Foundations )			✓		
	Electrical Engineering	Power & Machines			✓		
		Communication & Electronics			✓		
	Mechanical Engineering	Mechanical Engineering	✓		✓		
	Chemical Engineering	Chemical Engineering			✓		
<b>Computer &amp; Information Technology</b>	Computer Engineering	Computer Architecture & Design			✓		
	Computer Science	Computer Science			✓		
<b>Medicine</b>	Pharmacology				✓		
	Anatomy				✓		
	Physiology				✓		
	Biochemistry & Molecular Biology				✓		
	General & Pediatric Surgery, Urology & Anesthesia	General Surgery			✓		
		Urology			✓		
		Anesthesia			✓		
	Internal Medicine, Psychiatry, Dermatology	Internal Medicine			✓		
	Special Surgery	Otorinolaryngology (ENT)			✓		
		Ophthalmology			✓		
		Orthopaedic Surgery			✓		
	Obstetrics & Gynecology	Obstetrics & Gynecology			✓		
	Accident & Emergency Medicine	Emergency Medicine			✓		
	Pediatrics & Neonatology	Pediatrics			✓		
Community	Public Health	✓		✓			

Faculty	Academic Department	Program	Diploma	Higher Specialty	M.Sc.	Ph.D.
	Medicine, Public Health & Family Medicine	Occupational Health			✓	
		Health Education			✓	
		Clinical Nutrition			✓	
		Epidemiology			✓	
		Maternal & Child Health			✓	
		Family Medicine		✓		
		Community Medicine		✓		
	Health Administration	Health Administration Services			✓	
	Pathology, Microbiology & Clinical Laboratories	Pathology		✓		
	Legal Medicine, Toxicology, & Forensic Medicine	Toxicology		✓		
		Forensic Medicine		✓		
	Diagnostic Radiology & Nuclear Medicine	Diagnostic Radiology		✓		
	<b>Applied Medical Sciences</b>	Medical Laboratory Sciences	Clinical Microbiology & Immunology			✓
Clinical Chemistry					✓	
Molecular Biology & Human Genetics					✓	
Hematology & Blood Banking					✓	
<b>Dentistry</b>	Preventive Dentistry	Medical of Periodontics			✓	
	Oral Medicine & Oral Surgery	Medical of Oral Surgery			✓	
	Restorative Dentistry	Removable Prosthodontics			✓	
<b>Pharmacy</b>	Medicinal Chemistry & Pharmacognosy	Medicinal Chemistry & Pharmacognosy.			✓	

Faculty	Academic Department	Program	Diploma	Higher Specialty	M.Sc.	Ph.D.
	Clinical Pharmacy	Clinical Pharmacy			✓	
	Pharmaceutical Technology	Pharmaceutical Technology			✓	✓
		Pharmaceutical Quality Control.			✓	
Nursing	Adult Health Nursing	Adult Health: Acute Care			✓	
	Community & Mental Health Nursing	Community Health Nursing			✓	
Science & Arts	Applied Chemical Sciences	Applied Chemistry			✓	
	Applied Biological Sciences	Applied Biological Sciences			✓	
	Applied Physical Sciences	Applied Physics			✓	
	English for Applied Studies	Applied Linguistics			✓	
	Mathematics & Statistics	Mathematics			✓	
Agriculture	Plant Production	Plant Protection			✓	
		Horticulture			✓	
		Agronomy			✓	
	Animal Production	Animal Production			✓	
	Natural Resources & Environment	Soil, Water & Environment			✓	
Vet. Medicine	Pathology & Animal Health	Poultry Diseases	✓		✓	
		Veterinary Pathology	✓		✓	
		Veterinary Epidemiology			✓	
		Food Hygiene			✓	
	Clinical Vet. Medical Sciences	Veterinary Surgery	✓		✓	
		Veterinary Internal Medicine	✓		✓	

Faculty	Academic Department	Program	Diploma	Higher Specialty	M.Sc.	Ph.D.	
		Theriogenology & Artificial Insemination			✓		
		Artificial Insemination & Embryo Transfer	✓				
		Theriogenology	✓				
	Basic Vet. Medical Sciences	Veterinary Pharmacology & Physiology				✓	
		Anatomy & Histology				✓	
		Veterinary Microbiology				✓	

### **THE HASHEMITE UNIVERSITY**

The idea of establishing the Hashemite University as the 5th official university in the Hashemite Kingdom of Jordan came into existence due to a number of considerations. The most important of such considerations are the following:

The high number of students who travel daily from Al-Zarqa Governorate (the second highly - populated Governorate in the Kingdom), to Amman, where they study at the University of Jordan.

The high number of students who study abroad and who spend large amounts of hard currency as costs of their studies.

The maintenance of local balance of establishing official Universities in Jordan, which demands establishing an official university in Al-Zarqa Governorate, which, with that of Amman, constitute about 65% of the overall total population of Jordan. This major factor emphasizes the importance and need of establishing another official University in the middle sector of the kingdom, beside the university of Jordan, despite the fact that the policy of admittance to these two universities dictates that students be accepted from all over the kingdom.

The reduction of students' pressure for admittance exerted on other official universities, especially the University of Jordan, which suffer from the increasing number of students admitted every year; such a number exceeds the capacity of these universities, and negatively affects the output of higher education as a whole.

The availability of a capability of attaining a civilizational as well as cultural balance with the rest of the Governorates of Jordan. By establishing the Hashemite University in Al-Zarkra, this university, in its modern concept, is not only an institution for providing academic knowledge but also a center for intellectual as well as cultural enlightenment.

The provision of the local market with the required number of expertise and qualified personnel, especially when taking into account the fact that Al-Zarqa is one of the major industrial areas in Jordan because of the

concentration of a number of industries, ranging from reproductional , nutritional to chemical, among many others.

### **The Honored Royal Decrees for Establishing the University**

The Royal Decrees honoring the establishment of a university in the Governorate of Al-Zarqa, under the name “Al-Zarqa University”, was issued on the 19th of June 1991. This was followed by another Royal Decrees, which amended the name of the university to become “The Hashemite University”.

A third Royal Decrees was issued at the same above date honoring the naming of the members of the Royal Commission headed by his Excellency Mr. Mudar Badran, a former prime minister. The Royal Commission was selected to carry out the contents of the Royal Decrees and to work out the necessary steps and procedures toward establishing the University and bringing it into light.

## **AL-al-BAYT UNIVERSITY**

Al al-Bayt University (The House of the Prophet University) is located on the outskirts of the city of Mafrqa, 65 Kilometers to the north-east (about 45 minutes drive) of the capital Amman - Jordan . The university has integrated academic facilities, student housing, and social services on one site, extending over an area of 7539 dunums (dunum=1000 square meters).

### **Brief History:**

On August 17, 1992 (18 Safar 1413 H), a Royal Decree was issued ordaining the establishment of Al al-Bayt University. As stated in the Royal Message, the University is to meet an urgent need for a new kind of university; one that combines the requirements of scientific methodology in teaching and research, on one hand, and the requirements of belief and clarity of vision on the other, thus, creating harmony between the rounded personality of the Muslim and his new environment.

The University is also intended to uphold the principles of freedom, justice, tolerance, respect of other people's beliefs and faiths, and co-existence. On December 16, 1992, another Royal Decree was issued approving the formation of Al al-Bayt Special Royal Committee, under the chairmanship of His Royal Highness Crown Prince Hassan, and the membership of a selected high-standing scholars and intellectuals from Jordan and other parts of the Islamic world. The main task of this committee was to lay the foundation of the University, and to submit its decisions on operational and administrative issues to his Majesty the King for his final approval/decision.

The Royal Decree pertaining to the appointment of the first President of Al al-Bayt University was issued on May 22, 1993. Immediately thereafter, a number of administrative, academic and technical committees were set up to carry out the mission of establishing the University, each in accordance with its assigned responsibilities. After completing its infrastructure, recruiting distinguished faculty members, and defining its courses and programs, the University was ready to receive its first group of students on October 1, 1994.

Under the patronage of His Majesty late King Hussein, and the presence of His Royal Highness Crown Prince Hassan, Al al-Bayt University was officially inaugurated on March 6, 1995. Since the establishment of the University, the area has been transformed into an Oasis in the Desert through the implementation of new schemes of plantation, combating desertification and preserving the indigenous species. Water harvesting in this arid area has proven to be successful.

With 38 undergraduate and graduate degree programs, the University offers a strong core of traditional academic disciplines with emphasis on multidisciplinary research that affects people in their daily lives.

**Colleges:**

- College of Islamic Jurisprudence and Law
- Prince Hussein bin Abdullah Information Technology College
- College of Arts and Sciences
- College of Economics and Administrative Sciences
- College of Nursing

**Institutes:**

- The Institute of Earth and Environment
- The Institute of Architecture & Islamic Arts
- The Institute of Bayt al-Hikmah (House of Wisdom)

**AL-BALQA' APPLIED UNIVERSITY**

Al-Balqa' Applied University is a public university established by the virtue of a royal decree, under the auspices of his majesty the late King Hussein - may his soul rest in peace - to prepare and develop qualified professionals who focus on applied technical studies, besides the academic studying in different fields to encounter all contemporary challenges faced by advanced technology.

**AL-HUSSEIN bin TALAL UNIVERSITY**

Al-Hussein University was established in April 1999. His Majesty King Abdullah II of the Hashemite Kingdom of Jordan named it after his late father King Hussein bin Talal. This is a special pride for all of us here at AHU. The University is located in the southern region of Jordan , where almost all educational disciplines are needed, but especially Tourism, Hotel Management, Computer Engineering, Education, Marine Science, Transportation, and Mining Engineering. Currently, the University is located in the center of Ma'an city (210 Kms. from the Capital Amman ) on a small campus that was once a branch of Mu'tah University. It has three colleges (Arts, Educational Sciences, and Sciences) with (14) areas of specialization:

- Arabic Language and Literature,
- English Language and Literature,

- Basic (Elementary) Stage Teacher,
- English Teacher,
- Kindergarten Teacher,
- International Relations and Strategic Studies,
- Computer Science,
- Computer Information Systems,
- Physics,
- Mathematics and Statistics,
- in addition to (4) areas in the Integrated specializations Program:
  - English (Major)/ (IT) Information Technology (Minor).
  - Computer Science (Major)/ Math. (Minor).
  - International Relations (Major)/ French (Minor).
  - Basic Stage Teacher (Minor)/ Instructional Computer (Minor).

In the academic year 2003/2004, the University has enrolled (3200) students in the following programs:

- \* Regular ( Subsidized ) program (B.A. & Bsc. )
- \* Parallel (Non-Subsidized) program (B.A. & Bsc.)
- \* Educational Qualification program ( B.ed. )
- \* Higher Diploma in Education.

The permanent site of the University, which is located (6) Kilometers to the North of Ma'an , is now under construction. The first group of buildings (9) will be ready to move in by mid 2004.

The Board of Trustees has set (3) basic academic goals for the University, namely:

- Supplying educational institutions in Ma'an and Aqaba Governorates with well-trained teachers, especially in areas where shortage is evident.
- Responding to the surrounding environments of archaeology and tourism in Petra, mining in Ma'an, and marine sciences, transportation, insurance, etc. in Aqaba by providing academic programs that will enhance the development of such environments.
- Providing "unique" specializations that do not exist in other Jordanian universities in order to create an attractive academic environment for students from other parts of the country.

The University has worked out a strategic "Three-Phase Plan" equally divided into nine years, by which it can sponsor approximately 200 students to read for post-graduate studies and come back as lecturers working at eight different colleges (Arts; Educational Sciences, Science; Business, Administration and Economics; Archaeology, Tourism and Hotel Management; Mining and Environmental Engineering, Computer Engineering and Information Technology).

The role played by the University in serving local community is based on the social-productivity approach. The targets of this approach are the non-productive (i.e. unemployed) members of the society, who will be enrolled in continuing education programs in order to

qualify them for future jobs or vocations.

### **PRIVATE UNIVERSITIES**

Jordan has a total of thirteen private universities and university colleges. Most of these private higher education institutions were established around 1990, and a complete list of them is given below in alphabetical order. Among these institutions, there is one university that is specialized in graduate studies only, which is the Amman Arab University. Also, two of them are university colleges that offer the Bachelor's degree in small specific number of specialties: College of Educational Sciences and Jordan Academy of Music. The remaining ten are universities dedicated mainly for undergraduate teaching, and each has a number of faculties that offer Bachelor's degree in number of programs of study. These institutions are:

- **Al-Isra'a University**
- **Amman Arab University**
- **Amman Private University**
- **Applied Science University**
- **College of Educational Sciences**
- **Irbid University**
- **Jerash University**
- **Jordan Academy of Music**
- **Petra University**
- **Philadelphia University**
- **Princess Sumayya University of Technology**
- **Zarka Private University**
- **Zeitouna University**

**Annex: Public Universities and Contact Information**

<b>SN</b>	<b>University Name</b>	<b>President</b>	<b>Contact Information</b>
1	University of Jordan	Dr. Abdel-Rahim Hunaiti	P.O. Box 11942, Amman, Jordan Tel: +962-6-5355000, Fax: +962-6-5355511, Email: <a href="mailto:admin@ju.edu.jo">admin@ju.edu.jo</a> , <a href="http://www.ju.edu.jo">www.ju.edu.jo</a>
2	Yarmouk University	Dr. Mohammad Sabarini	P.O. Box, 566, Irbid, Jordan Tel: +962-2-7211111, Fax: +962-2-7274725 Email: <a href="mailto:yarmouk@yu.edu.jo">yarmouk@yu.edu.jo</a> , <a href="http://www.yu.edu.jo">www.yu.edu.jo</a>
3	Mutah University	Dr. Eid Dhayyat	P.O. Box 7, Kerak, Jordan. Tel: +962-3-2372380, Fax: +962-3-2375540 Email: <a href="mailto:dean_sta@mutah.edu.jo">dean_sta@mutah.edu.jo</a> , <a href="http://www.mutah.edu.jo">www.mutah.edu.jo</a>
4	Jordan University of Science and Technology	Dr. Wajih Owais	P.O. Box 3030, Irbid 22110, Jordan. Tel: +962-2-7201000, Fax: +962-2-7095148 Email: <a href="mailto:just@just.edu.jo">just@just.edu.jo</a> , <a href="http://www.just.edu.jo">www.just.edu.jo</a>
5	Hashemite University	Dr. Omar Shdeifat	P.O. Box 591504, Zarka 13115, Jordan Tel: +962-5-3826600, Fax: +962-5-3826612 Email: <a href="mailto:huniv@hu.edu.jo">huniv@hu.edu.jo</a> , <a href="http://www.hu.edu.jo">www.hu.edu.jo</a>
6	Al-al-Bayt University	Dr. Abdel-Salam Abbadi	P.O. Box 130040, Mafraq 25113, Jordan. Tel: +962-6-4871101, Fax: +962-6-4871232 Email: <a href="mailto:info@alalbayt.edu.jo">info@alalbayt.edu.jo</a> , <a href="http://www.aabu.edu.jo">www.aabu.edu.jo</a>
7	Al-Balqa Applied University	Dr. Omar Rimawi	P.O. Box 19117, Salt, Jordan. Tel: +962-5-3557519, Fax: +962-5-3557518 Email: <a href="mailto:reg@bau.edu.jo">reg@bau.edu.jo</a> , <a href="http://www.bau.edu.jo">www.bau.edu.jo</a>
8	Al-Hussein Unievrstity	Dr. Rateb Oran	P.O. Box 20, Ma'an, Jordan. Tel: +962-3-2133020, Fax: +962-3-2133025 Email: <a href="mailto:webmaster@ahu.edu.jo">webmaster@ahu.edu.jo</a> , <a href="http://www.ahu.edu.jo">www.ahu.edu.jo</a>