



جامعة الإمارات العربية المتحدة
United Arab Emirates University

UAEU

Statistical Year Book 2010-2011

الكتاب الإحصائي السنوي 2010 – 2011

Institutional Effectiveness and Planning Support Unit.

Foreword

After 26 years of publication, the UAE University Statistical Yearbook continues to be one of the principal sources of data for both internal and external University stakeholders. The statistical yearbook presents a "snapshot" of UAE University. The publication is produced annually by the Institutional Effectiveness and Planning Support Unit (IEPSU) at the University and is intended to provide yearly statistics regarding students, graduates and staff.

In order to make information more readily available to all constituents, the IEPSU website provides an online version of this publication. The website is also a source of other valuable information related to the university. It can be accessed using the following address:

<http://www.uaeu.ac.ae/irpsu>. For more comprehensive information about the university the reader may visit the University website at: <http://www.uaeu.ac.ae> .

We hope that you will find value in this year's presentation of information on UAE University.

Institutional Effectiveness and Planning Support Unit.

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Educational Opportunities at UAEU

The UAEU has nine faculties including Faculty of Medicine. Collectively the nine faculties have about 43 departments or programs. The following table shows a list of the eight faculties and their departments:

Faculty of Humanities & Social Sciences

- Department of Arabic Language & Literature
- Department of History & Archaeology
- Department of Mass Communication
- Department of English Literature
- Department of Linguistics
- Department of Translation Studies
- Department of Geography & Urban Planning
- Department of Political Science
- Department of Social Work
- Department of Sociology
- Department of Psychology & Counseling
- Department of Philosophy

Faculty of Science

- Department of Mathematics
- Department of Physics
- Department of Chemistry
- Department of Biology
- Department of Geology

Faculty of Education

- Department of Curriculum & Instruction
- Department of Foundations of Education
- Department of Special Education
- Department of Physical Education

Faculty of Law

- Department of Public Law
- Department of Private Law

Faculty of Business & Economics

- Department of Accounting
- Department of Economics & Finance
- Department of Business Administration
- Department of Statistics

Faculty of Food & Agriculture

- Department of Arid land Agriculture
- Department of Food Science
- Department of Agribusiness
- Department of Nutrition & Health

Faculty of Engineering

- Department of Civil & Environmental Engineering
- Department of Chemical & Petroleum Engineering
- Department of Architectural Engineering
- Department of Electrical Engineering
- Department of Mechanical Engineering

Faculty of Information Technology

- Computer Systems Design
- Enterprise Systems
- Networking
- Software Development
- Information Security
- Electronic Commerce
- Intelligent Systems

Graduate Programs

Following is the list of Masters programs being offered at UAEU:

Environmental Sciences

The Environmental Science Master Program at the United Arab Emirates University is designed to prepare students with the knowledge, technical and research skills needed to identify, analyze, and resolve environmental problems from an interdisciplinary perspective. The program integrates knowledge from a wide variety of disciplines including the physical, chemical, biological, natural, engineering and health sciences. Acceptance in the program is competitive and the language of instruction is English. A scholarship program is available to provide financial support for students with exceptionally high academic records.

Material Science and Engineering

Material Science and Engineering involves creating reliable and useful materials to serve mankind. This is accomplished through design, processing and analysis of materials having controlled compositions, microstructure and properties. The master program in Material Science and Engineering (MSE) is interdisciplinary, focusing on all materials, metals, polymers, ceramics, electronic materials, biomaterials and their composites. Completion of the master program in MSE at the United Arab Emirates University provides a significant level of preparation for a broad range of career paths.

Remote Sensing & GIS

The Remote Sensing and Geographic Information Systems Master of Science Program is the first of its kind in the region. It is designed to provide students with the theoretical background and practical skills to start or advance their career in remote sensing and GIS. The curriculum has been specifically developed to suit students from diverse academic backgrounds and professional occupations. No prior remote sensing or GIS experience is required to excel in the program. The demand for professionals with geospatial skills has been consistently increasing in various sectors including municipalities, police, environmental agencies, utilities companies and oil industry. Our primary objective is to educate and train those who need spatial thinking and geospatial techniques in their current or future careers.

Electrical Engineering

The UAE University needs to maintain its leadership in technology locally and within the Arab world by offering graduate degrees in areas of rapid technological growth such as Electrical Engineering. It will also strengthen its position as the principal provider of national human resources to the local industry and government organizations. The main motivations exist for the program; meeting industry and market demands, developing modern communities in the UAE, and developing an advanced research environment.

Water Resources

The WRMP is an interdisciplinary program, focusing on surface water resources, groundwater resources, and non-traditional water resources including the desalination and treated wastewater. Graduate of the WRMP are expected to play a leading role at the national, regional and international levels to develop and sustain the limited available water resources. Holding a Master Degree in Water Resources from the United Arab Emirates University provides an outstanding level of preparation for a broad range of career paths in related areas.

Engineering Management (MEM)

The Faculty of Engineering and Faculty of Business and Economics at UAEU offers a two year Masters of Engineering Management (MEM) degree program. The program is developed for promising executives with an undergraduate technical degree who are rising through the technical function of their organization or starting their own company. It is an elite program - restricted to highly motivated groups of UAE professionals designed to impart knowledge for today's and tomorrow's technology driven businesses. The program is not intended for students pursuing further advanced degrees. The interdisciplinary nature of the program will provide students with training that enables them to be globally competitive.

Petroleum Science and Engineering

The Petroleum Science and Engineering program is a coordinated program that offers industry personnel the opportunity to earn a Master of Science (M.Sc.) degree in one of three disciplinary areas of Petroleum Geosciences, Petroleum Engineering, or Chemical Engineering. Offering the three programs together, allows professionals in the three disciplines to work on multi-disciplinary teams during part of the course work and in their research, mirroring recent trends in Industry.

Graduate Programs

Mechanical Engineering

The mission of the Mechanical Engineering Department is to provide high quality education in mechanical engineering to prepare graduates for diverse careers in mechanical engineering to contribute to the expansion of the country's economical development and to meet the needs of the UAE industry and society. Undergraduate as well as graduate programs of Mechanical Engineering at UAEU can provide life long satisfaction. Internationally the number of degrees awarded in Mechanical Engineering and its specializations have been consistently ranked first.

Civil Engineering

The Master program has evolved from the obvious need to develop qualified and specialized engineers in the various disciplines of Civil Engineering. Graduates of the proposed Program will be highly specialized in their areas and are therefore expected to take the lead in the national development of UAE in the various fields of Civil Engineering. The program is offered by the Department of Civil and Environmental Engineering.

Education

The basic objective of the Master of Education program is to improve the performance of teachers, administrators and other educational professionals, and to provide distinguished service for professionals in the field through a well designed and high quality program that is based on international standards. This program is developed in cooperation with the Faculty of Education at the University of Georgia – Athens (UGA). Faculty members from UGA University will co-teach one module in each course. Moreover, Master of Education students will also have the option to take a course at UGA.

Public Law

The Public Law specialty emphasizes the laws related to the state as sovereign state such as the Criminal Law, Administrative Law, International Law and Constitutional Law. These are all highly important laws as they are located in the state's public order core and require; therefore; rooting to be correctly understood and implemented as they touch the state's interests in general and the citizens' interests in particular. Since the UAE is in need to have distinguished efficiencies to run its administrative establishments, judicial positions capability to conduct authenticated and scientific research process to understand and analyze legislative provisions and judicial judgments to provide correct and accurate legal consultations especially in the governmental establishments.

Private Law

Master in private law set up to enhance scientific research in the field of private international law and help to develop its scientific and respond to the needs of the UAE market in terms of providing outstanding scientific talent in the field of civil and commercial. To enable the analysis and understanding of legislative provisions. And provide legal consultation is true and accurate and the ability to deal with the tasks of teaching in the faculties of law in this field of specialization and prepare students to pursue postgraduate studies (PhD), and qualifying students to work in the judicial field.

Business Administration (MBA)

The Master of Business Administration experience at the United Arab Emirates University emphasizes leadership, innovation, and entrepreneurial creativity. During four semesters of courses, MBA students are guided through a progression of thought and shared experience that prepares them for confident, competent business leadership in and beyond the UAE business environment and provides the business community with high quality graduates who are capable of becoming the business leaders of the UAE.

International Trading Law

The UAE has now become one of the most important international trade centers attracting huge amounts of economic investments from all over the globe especially from the western countries. This requires highly qualified individuals; efficiency in the field of international trade law is probably the most important issue here with special focusing on international trade law contracts and the related international trade organizations. Jurist has to possess distinguished efficiency, remarkable experience, correct legal command and high ability to conduct negotiations with international corporations.

Medical Sciences

One of the important tasks of the FMHS is to “develop medical scientists and to support programs of research in the basic medical sciences and clinical sciences, with emphasis on areas of special interest for United Arab Emirates”. Master of Medical Sciences program's ultimate aim is to develop competence and expertise in the fields of basic and applied medical sciences. The structure of the Master of. Med. Sc. curriculum is organized as consisting of two tracks: “Medical Microbiology and Immunology” and “Applied Pharmacology and Toxicology”. The program is designed to cater for the needs and aspirations of individual students, the expressed needs of the relevant institutions in UAE.

Graduate Programs

Horticulture Sciences

The Faculty of Food and Agriculture offers Master's Degree in Horticulture Sciences. The graduates of are highly demanded in the current job markets. The occupational positions which can be filled by graduates of this proposed program include, but are not limited to, horticulture architects and designers, city horticulturists, research assistants and university instructors, and many others. Students can focus their study in the areas of horticulture, agro-ecology, biotechnology, breeding, crop physiology, crop production, mineral nutrition, modeling and quantitative horticulture, plant growth and development, post harvest physiology, renegotiation/ restoration, as well as sustainable water management.

Architectural Engineering

Master of Architectural Engineering is envisioned as a post-professional degree with established educational standards that aim at developing advanced specialized knowledge, research skills and preparing our graduates for successful professional practice. The program provides specialization opportunities in one of the program three concentration areas; i) History, Design& Planning, ii) Building Construction, and iii) Building Science. Advances in research within the three concentration areas have become the academic means of support of modern architectural practices. It offers prospective graduate students the means to integrate their intellectual qualities through synthesizing architecture, sciences, and engineering using intellectual rigor, aesthetic judgment, and technical understanding of buildings and construction.

Public Health

The Master of Public Health (MPH) program is a new program. It is a multidisciplinary program open to both UAE Nationals and non-Nationals who can demonstrate an interest and commitment to public health. Although there will be a particular emphasis on the health and health needs of the UAE and its neighboring region, UAEU MPH graduates will have the competencies to practice public health in any community or population throughout the world. The course is predominantly a taught course but the latest teaching methods will be used and there will be substantial written assignments. The course will be delivered by staff from the Department of Community Medicine together with visiting teachers from overseas at the FMHS campus at UAEU. The program will provide a broad academic training in public health, occupational health, epidemiology and biostatistics. Students will acquire the knowledge and skills to understand and appraise clinical and health services research and to plan and evaluate health services or other interventions to improve health .

Clinical Psychology

This program provides professional preparation for the clinical practice of psychology enabling individuals to diagnose and treat psychological and behavioral disorders in a variety of settings. This program requires 39 semester hours of study, including six semester hours (600 clock hours) of supervised practicum experience in an approved mental health or rehabilitation setting. Full-time students will be able to graduate in two years, while part-time students will take a longer time.

For detailed information regarding the UAEU graduate programs & graduate research opportunities visit the following websites:
<http://www.uaeu.ac.ae/graduate/>

About the Program

In May 2009, the UAEU announced the launch of the first PhD programs at a national university in the United Arab Emirates. From September 2009, UAEU began accepting suitably qualified students into doctoral programs in each of its Faculties. UAEU PhD program is open to both national and non-national students with high academic standing and keen interest in research. Scholarships are available for national students.

PhD Program Model

The program follows an American model, which involves one year of course work to be followed by research and the writing of a dissertation over a further two to three year period. Standards are high, with admission and program quality managed by the Board of Graduate Studies.

UAEU Research Strategy

The PhD program is part of the wider strategy to increase research capability at UAEU and represents an important step in the transformation of UAEU into a world-class research-intensive university.

For detailed information regarding the UAEU Phd program and research opportunities visit the following website:

http://www.uaeu.ac.ae/study_opportunity/phd/index.shtml

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