



جامعة الإمارات العربية المتحدة
United Arab Emirates University

UAEU



COLLEGE OF SCIENCE

2013 / 2014

WELCOME To
United Arab Emirates

Success
Excellence
Living
Inspired
Learning
Opportunity
Develop
National University
Research Intensive
Quality
Leader
Learn Graduate
Excel
Choice
Innovation
Degree
Achieve
Creativity
Flagship
Your Future
Career
High-Tech
Accredited
Achieve
Community
Mobile Learning
New Skills
Develop
Industry
Knowledge

University



UAEU Facts Sheet

50%

of students live
in residence

76%
female

24%
male students

13,540

Total number of
registered students for
2012 /2013



639
Faculty



98
Instructors



258
UFP Lecturers

173

Emirati National Faculty

56,895

Total number of graduates



9

Colleges

#1  Research University in the GCC | #2  in the Arab World | #9  in the Muslim World | #370  Globally

Established in 1976

80 hectares – Size of the campus

The National University

One of the top **50** universities founded in the past **50** years

36

Total number
of Patents
filed since
2007

8

Number of
Research Centers

869

Number of
Publications for
2012/ 2013

2

Olympic-sized
swimming pools

272

Total number
of student
activities for
2012/ 2013

38

Total number
of clubs & societies
on campus

480

Labs on
campus

Students from

55

countries
(incl. UAE)

Largest electronic resources in the Arab World

140,000 eBooks

38,000 eJournals

50 Databases

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DEAN’S MESSAGE

At present, the United Arab Emirates University (UAEU) is engaged in a process of transformation to become a research-intensive university of the highest international standards. The College of Science (COS) has responded to this ambitious target, with faculty members and students producing world-class research. This research is published in international journals, presented at prestigious conferences and is further reflected in successfully securing research funding.

The college not only involves Master’s and PhD students in its research activities, but undergraduate students too. This allows students to participate in cutting edge scientific and technological challenges, enabling them to add to their practical knowledge in their chosen academic or industrial fields that will lead to satisfying and fulfilling future careers. The College of Science offers an array of undergraduate and postgraduate degree programs with plans in place to introduce additional programs in the near future. The college is committed to both basic and applied research with a special emphasis in areas of strategic importance to the UAE.

In 2012, the College of Science moved to the new state-of-the-art university campus. These outstanding facilities helped to improve the standard of both research and teaching by inspiring creativity among faculty and students.

The COS has established lasting connections with prestigious national and international institutes and organizations. Such collaboration provides opportunities for faculty and student exchanges, research partnerships, internships and sponsorship. The college continuously works to enhance the student experience and we look forward to meeting you in the future in one of our degree programs.



Prof. Peter Werner
Dean, College of Science

OVERVIEW OF THE COLLEGE

The economic and technological development of any society cannot be sustained without a strong scientific base supported by high standards of education. The College of Science was among the first colleges to be established by the United Arab Emirates University (UAEU). The college has five academic departments: the Department of Biology, the Department of Chemistry, the Department of Geology, the Department of Mathematical Sciences and the Department of Physics. The college offers six B.Sc. programs in biology, chemistry, biochemistry, geology, mathematical sciences and physics, five MSc programs and an established PhD program.

The B.Sc. in chemistry has been accredited by both the Canadian Society for Chemistry (2008) and the Royal Society of Chemistry (2011). The Department of Physics has officially initiated an accreditation process with the Institute of Physics in England, while all programs offered at the COS are fully recognized by the Ministry of Higher Education and Scientific Research in the UAE.

The college is implementing the use of modern technology in both teaching and learning through smart classroom technology and the utilization of iPads. The college also emphasizes an environment where learning takes place through practical experience by way of laboratory-based coursework and practical instruction in the field.

In addition to department laboratories, there are special purpose-built facilities such as the Nano-Physics Research Laboratory, the Genomic Analysis and the Microbial Studies Laboratory, the Central Analytical Laboratory, the Inorganic Geochemistry Laboratory, the Geophysics and Seismic Laboratory and the Museum of Living Resources and the Geological Museum.

The language of instruction is English and faculty focus on the quality of the learning experience for each student.

"My decision to enter the College of Science at UAEU, is one of the best decisions I have ever made. Its state-of-the-art campus, world class research facilities and elite international faculty are contributing to the success of the nation and helping the country achieve its vision for 2030."

Shamma Saeed Al-Shamisi,
B.Sc. in Cellular and Molecular
Biology (CMB), Senior

ACADEMIC PROGRAMS



UNDERGRADUATE PROGRAMS:

Bachelor of Science in Biology
(General Biology Concentration)
Bachelor of Science in Biology
(Ecological & Environmental Biology Concentration)
Bachelor of Science in Biology
(Cellular & Molecular Biology Concentration)
Bachelor of Science in Biochemistry
Bachelor of Science in Chemistry
Bachelor of Science in Geology
(Applied Geology Concentration)
Bachelor of Science in Geology
(Petroleum Geology Concentration)
Bachelor of Science in Mathematical Sciences
Bachelor of Science in Physics

MASTER'S PROGRAMS:

Master of Science in Chemistry
Master of Science in Environmental Sciences
Master of Science in Mathematical Sciences
Master of Science in Molecular Biology and Biotechnology
Master of Science in Physics

PHD PROGRAM:

Doctor of Philosophy



UNDERGRADUATE INFORMATION

ADMISSION CRITERIA

To be eligible for admission to UAEU, applicants must obtain a minimum of 75%, from a science stream on their Grade 12 Certificate or its equivalent. Applicants must also have a valid National Identity Card and a valid UAE passport.

Interested candidates should use the common National Admissions and Placement Office (NAPO) application form to apply to UAEU. The form is available from secondary schools, the UAEU Admission's Office, or NAPO. Applicants to the College of Science should score 150 or above in the CEPA English examination and successfully pass the CEPA math placement test.

Success at UAEU requires proficiency in both the Arabic and English languages. Students admitted to the university are placed either directly into the undergraduate degree program or into the University Foundation Program (UFP). UFP is the bridge between high school and the degree programs offered at UAEU. Placement in the correct UFP level depends on the students' scores in the UFP Placement Exams. There are three levels of English, and two levels in mathematics, computer technology and Arabic.

To be considered for direct admission to an undergraduate degree program, applicants must satisfy the following requirements:

- ▶ Proof of English language proficiency which may take one of the following forms:

- A minimum TOEFL score of 500 or 61 IBT
- A minimum IELTS score of 5.0
- ▶ Pass a placement test in mathematics (algebra and pre-calculus), computer technology and Arabic Language.

**Please note that these are the minimum admission criteria, further details can be obtained from the Admissions Department.*

GRADUATION REQUIREMENTS

The duration of the undergraduate degree programs is approximately 4 years. A minimum of 120 credit hours are required for graduation. Students must complete the 8 semester curriculum plan with a minimum GPA of 2.0, including the internship.

INTERNSHIPS

The internship program at the COS is a two month compulsory course, normally offered in the second half of each semester (excluding the summer) to allow students to accomplish their condensed capstone courses in the first half. The Internship Unit places students in national or international organizations (both private and government) for the period of their work placement. Internships add a significant real-world component to the students' education, and provide students with the opportunity to earn academic credit, while gaining valuable work experience.

CAREER OPPORTUNITIES

There are many career opportunities available to science graduates in both private and government organizations. Employment opportunities include, but are not limited to: hospital laboratories, diagnostic and analytical laboratories, university laboratories as technicians and teaching assistants, food control authorities, municipalities, the Ministry of Environment and Water, oil companies, environment authorities, chemical defence

in the military, civil defence, forensic laboratories, the Ministry of Defence, the National Centre for Metrology and Earthquakes, civil engineering firms, water testing laboratories, mining companies, biotechnology companies, pharmaceutical companies, the Ministry of Health, the Ministry of Education (e.g. science teachers), and many of the Dubitech Companies. These career options are also enhanced by the advanced curriculum and in-depth employment preparation offered at UAEU.



UNDERGRADUATE ACADEMIC PROGRAMS

BACHELOR OF SCIENCE IN BIOLOGY

The Biology Department offers an up-to-date curriculum divided into three tracks. The tracks are: cellular and molecular biology (CMB), general biology (GB) and ecological and environmental biology (EEB). These programs allow students to focus on how living things function and how we can make use of these organic functions for our own human purposes. Biology is currently a flourishing area of research and study with many significant new discoveries being made at the scientific and technological levels. UAEU students can play an important role in the advancement of this science. Biology allows one to understand the complexity of life from the molecular level up to and including more complex entities and the functioning of the entire biosphere. This is reflected in a curriculum that offers a rich variety of courses, laboratory work, and research.

BACHELOR OF SCIENCE IN BIOCHEMISTRY

The B.Sc. in Biochemistry explores the academic and practical aspects of the chemical substances and vital processes that occur in living organisms. Biochemistry forms the basis of many aspects of medicine and biotechnology. The Biochemistry degree at UAEU is offered by the Chemistry Department and adheres to European and North American standards. The degree continues to supply qualified experts in biochemistry who make significant contributions to academic, government and industrial fields including working in many biomedical and biotechnological institutions. To facilitate these needs, the

B.Sc. in biochemistry offers an exciting curriculum that employs modern theoretical principles in the very diverse field of Biochemistry.

The state-of-the-art laboratories provide up-to-date practical training that prepares students for exciting employment opportunities. Our professors and teaching staff deliver enthusiastic instruction using the latest learning technologies and practices. Biochemistry students also have the opportunity to perform undergraduate research projects and workplace internships, which further facilitate job placement and the potential to pursue postgraduate studies.

BACHELOR OF SCIENCE IN CHEMISTRY

The Chemistry program is focused on teaching students the basics of this discipline, including the various aspects of making new and interesting compounds, determining their structure and studying their properties and reactivity. The degree is structured to provide students with a strong foundation in the traditional branches of Chemistry including analytical, organic, inorganic, and physical chemistry as well as biochemistry. In addition to general education courses, the Chemistry Program also includes supporting components from other disciplines such as mathematics, physics and IT.

Chemistry students can expect effective instruction, excellent lab facilities, practical training, opportunities for undergraduate research and internships as well as an array of extra-curricular activities associated with the program.



BACHELOR OF SCIENCE IN GEOLOGY

The Department of Geology offers a wide range of geoscience education courses for students interested in geological and geophysical exploration, mineral and hydrocarbon resources, groundwater resources, environmental hazards and the regional and local geology of the Arabian Peninsula and the UAE. Students will receive an educational portfolio covering theoretical, laboratory and field based knowledge, while integrating basic natural laws, advanced nano-micro scale laboratory methods and applications used to retrieve and sustain natural resources. The department currently offers two tracks: applied geology and petroleum geology.

BACHELOR OF SCIENCE IN MATHEMATICAL SCIENCES

This degree program is designed for students who are interested in making mathematics their major area of study but who would also like to obtain a knowledge and understanding of another subject, leading to careers where mathematics is used, including industrial and academic research and finance. Students who major in mathematics also pursue one of the following minor programs or any other program upon approval of the department:

- ▶ Minor in Applied Statistics
- ▶ Minor in Economics
- ▶ Minor in IT
- ▶ Minor in Ecological and Environmental Biology
- ▶ Minor in Physics
- ▶ Minor in Geology
- ▶ Minor in Chemistry
- ▶ Minor in Mathematics
- ▶ Minor in any program of Human Studies

BACHELOR OF SCIENCE IN PHYSICS

The Physics program enables students to understand how the universe works, from the subatomic world to the vastness and wonders of the universe. It is driven by imagination, creativity and discovery. This knowledge has,

and will, lead to important technological breakthroughs, advances and insights into nature. As a Physics student, you will study scientific experimentation, computational programming, and mathematical derivations, as well as solving complex and practical problems and developing innovative ideas. Our undergraduates gain valuable research and work experience by getting involved in diverse research areas and obtaining hands-on experience by using state-of-the-art research equipment. Students can engage in research in diverse fields, such as nanophysics and technology, advanced materials, theoretical and particle physics, bio and medical physics, astrophysics and cosmology. During the final semester students complete a two month internship to gain work experience and to give them an edge in the job market.

Distinguished students are given an opportunity to spend a summer on an international training program, such as at CERN in Geneva (Switzerland) or Global Foundries in Dresden (Germany). The experimental, mathematical, computer and work skills acquired by the students allows them to obtain a job in a diverse job market or to pursue their graduate studies in well-known national or international universities.

" Science is an ever developing subject where the answer is often not known. This is what excites me most about the course. The professors challenge me but give me an understanding of the subject which I never thought possible. I now have a much greater insight into my field of study, developing both my skills and depth of knowledge."

Mariam Anguba Shisia,
B.Sc. in Biochemistry, 4th Year



GRADUATE INFORMATION



The College of Science (COS) is a center for scholarship, creativity, and innovation which develops high quality educational programs in line with best international standards. The Alumni of the COS have achieved prominent positions in the country in many fields such as health, environment, water, technology, petroleum engineering, pharmaceutical and applied research. Many of our graduates further develop their capabilities for a career in academia by joining our postgraduate programs. The COS graduate programs focus on both basic and applied research with a special emphasis on areas of strategic importance to the UAE. Therefore, the five departments within the college offer graduate programs (MSc and PhD) in their respective disciplines in partnership with industry and other government organizations.

MASTER'S PROGRAMS

The MSc programs are designed to serve a wide variety of postgraduate needs in the UAE and the region. These programs provide the prospective students with:

- ▶ Core and practical skills desired by the job market.
- ▶ Specific knowledge and state-of-the-art techniques relevant to a specialized field within the COS academic programs.
- ▶ Opportunities to work independently on research projects in a conducive environment.
- ▶ A solid background and research skills leading to the pursuit of higher degrees (PhDs).

The MSc programs offered at the COS include:

1. MSc in Chemistry
2. MSc in Environmental Science
3. MSc in Mathematical Sciences
4. MSc in Molecular Biology & Biotechnology
5. MSc in Physics





ADMISSION CRITERIA

The minimum requirements for admission to the COS Masters programs are:

- ▶ A Bachelor’s degree or its equivalent from an accredited university recognized by the UAE Ministry of Higher Education and Scientific Research, in an area appropriate to the academic area to which application is being made.
- ▶ A cumulative Grade Point Average (GPA) of 3.0 on a 4.0 scale or equivalent, in all undergraduate work.
- ▶ A score of at least 6.0 on the IELTS (International English Language Testing System) Academic exam or equivalent, for all disciplines delivered predominantly in English. This test score must be less than two years old at the time of application, with the following exceptions:
 - A native speaker of English who has completed his/her undergraduate education in an English-medium institution and in a country where English is the official language; or
 - An applicant with an undergraduate degree from an English-medium institution who can provide evidence of acquiring a minimum TOEFL score of 500 on the paper-based test, or its equivalent, at the time of admission to his/her undergraduate program.
 - A minimum IELTS score of 4.0 or equivalent is required for admission into a Master’s Program where the language of instruction is Arabic.
- ▶ Provide two professional letters of recommendation.

Under certain conditions admission into a Master’s program may be granted if the GPA or the IELTS score is less than the minimum requirement. These requirements are subject to the general university criteria for admission to graduate programs and may be updated regularly.

** Please note that these admission requirements may be subject to change. Please refer to the UAEU website for further details.*

FEE STRUCTURE

Program	Cost
MSc in Chemistry	AED 2,000 per credit hour (AED 2,000 x 30 = AED 60,000)
MSc in Environmental Science	AED 2,000 per credit hour (AED 2,000 x 30 = AED 60,000)
MSc in Mathematical Sciences	AED 2,000 per credit hour (AED 2,000 x 30 = AED 60,000)
MSc in Molecular Biology & Biotechnology	AED 2,000 per credit hour (AED 2,000 x 30 = AED 60,000)
MSc in Physics	AED 2,000 per credit hour (AED 2,000 x 30 = AED 60,000)

GRADUATION REQUIREMENTS

A total of 30 credit hours is required to complete the MSc study plan which includes 24 credit hours of course work, plus an additional 6 credit hours to complete the thesis.

Academic Requirement	Credit Hours
Compulsory Courses	4
Core Courses	10 - 11
Elective Courses	9 - 10
Thesis	6
Total	30

A full-time MSc student is expected to complete the MSc degree program in 2 years (4 semesters), while a part-time student is expected to complete it within 3 years (6 semesters). Students must achieve a minimum GPA of 3.0 out of 4.0 and successfully defend their thesis in an oral exam.

PHD PROGRAM

The College of Science offers a PhD in Philosophy. The PhD program follows the American model, which involves one to two years of course work, followed by research and writing a dissertation over a further two to three year period. The admission and program quality is managed by the Board of Graduate Studies.



ADMISSION CRITERIA:

- ▶ A Master’s degree or its equivalent from an accredited university recognized by the Ministry of Higher Education and Scientific Research, in an area appropriate to the academic area to which application is being made.
- ▶ A minimum cumulative GPA of 3.3 on a 4.0 scale or equivalent, for all Master’s course work.
- ▶ A score of 6.5 or higher on the IELTS Academic Test or equivalent. This test score must be less than two years old at the time of application.
- ▶ In addition to the above, applicants are recommended to submit the official score of the Graduate Record Examination (GRE) General Test, which may be taken into account in the ranking of applicants for admission or scholarship.
- ▶ Two professional letters of recommendation.

Individual Colleges may set additional and/or higher standards for admission to a PhD Program. Students can enroll on a full-time basis only and the program commences in the Fall semester of each academic year.

** Please note that these admission requirements may be subject to change. Please refer to the UAEU website for further details.*

FEE STRUCTURE

The tuition rate for students accepted into the PhD program is set at AED 2,400 per credit hour (AED 2,400 x 54 CH = AED 129,600).

GRADUATION REQUIREMENTS

Students are required to complete a minimum of 54 graduate-level credit hours (24 CH Taught Courses + 30 CH Dissertation Research). In all cases, the corresponding graduate committees will be in charge of designing the student’s study plan.

Additional PhD requirements include:

- ▶ Submission of a preliminary study plan by the end of the first semester.
- ▶ Submission of a final study plan including the dissertation

topic after selecting the dissertation advisor during the first year of study.

- ▶ Approval of the dissertation proposal.
- ▶ Passing a comprehensive exam.
- ▶ Defending the dissertation work.
- ▶ Producing a minimum of one paper published/accepted before the dissertation defense.

PHD CURRICULUM

PhD Degree Requirements	Credit Hours
COS General Courses	6
Concentration Courses	9
Elective Courses	9
Dissertation Research	36
Comprehensive Exam	0
Dissertation Defense	0
Total	54

“The thing which has always attracted me to biology is the variety of applications which the subject has to the real world. Joining UAEU I wanted to see how this application is done and how students can benefit from this wealth of expertise. Even now in 3rd year I am still overwhelmed by the amount of cutting edge research done and the amount of knowledge which is passed on to students. Every tutor with whom you work with is an expert in his or her area, and while they are busy developing significant ground-breaking research, the incredible thing is that they are always available to help you on your journey.”

Fatima Yousif,
B.Sc. in Cellular and Molecular Biology (CMB), 3rd Year

RESEARCH CAPABILITIES



The College of Science is actively involved in many areas of research which are supported by several funding bodies within the UAE (federal and non-federal) and from abroad. The research strengths of the COS is driven by active interdisciplinary research collaboration with other colleges and with external institutes both locally and internationally. The qualified and highly motivated faculty work in diverse fields and specialties and have an excellent record of publishing in major international journals. There are modern research laboratories with world-class infrastructure and equipment and an increasing number of graduate programs. The five departments at the COS maintain a strong research agenda that spans several areas which are aligned with UAEU's main research strategies and goals which include the development of water resources, petroleum resources, solar and other forms of renewable energy, medical developments, and the development of significant economic activities. Research interests include:

DEPARTMENT OF BIOLOGY:

- ▶ Applied and environmental microbiology
- ▶ Plant biotechnology/genetic control of plant responses to pathogens
- ▶ Molecular genetics of neurodevelopmental disorders
- ▶ Computational modeling/bioinformatics
- ▶ Population biology and genetics
- ▶ Drug discovery and cancer therapy
- ▶ Epidemiology of infectious diseases
- ▶ Entomology

- ▶ Conservation ecology
- ▶ Desert ecology
- ▶ Marine biology

DEPARTMENT OF CHEMISTRY:

- ▶ Nanostructured materials, biomaterials, membranes, and polymers
- ▶ Natural products
- ▶ Computational chemistry
- ▶ Environmental sustainability
- ▶ Surface science
- ▶ Protein biochemistry
- ▶ Sensors
- ▶ Electrochemistry and corrosion
- ▶ Renewable energy and clean fuel alternatives
- ▶ Medicinal chemistry

DEPARTMENT OF GEOLOGY:

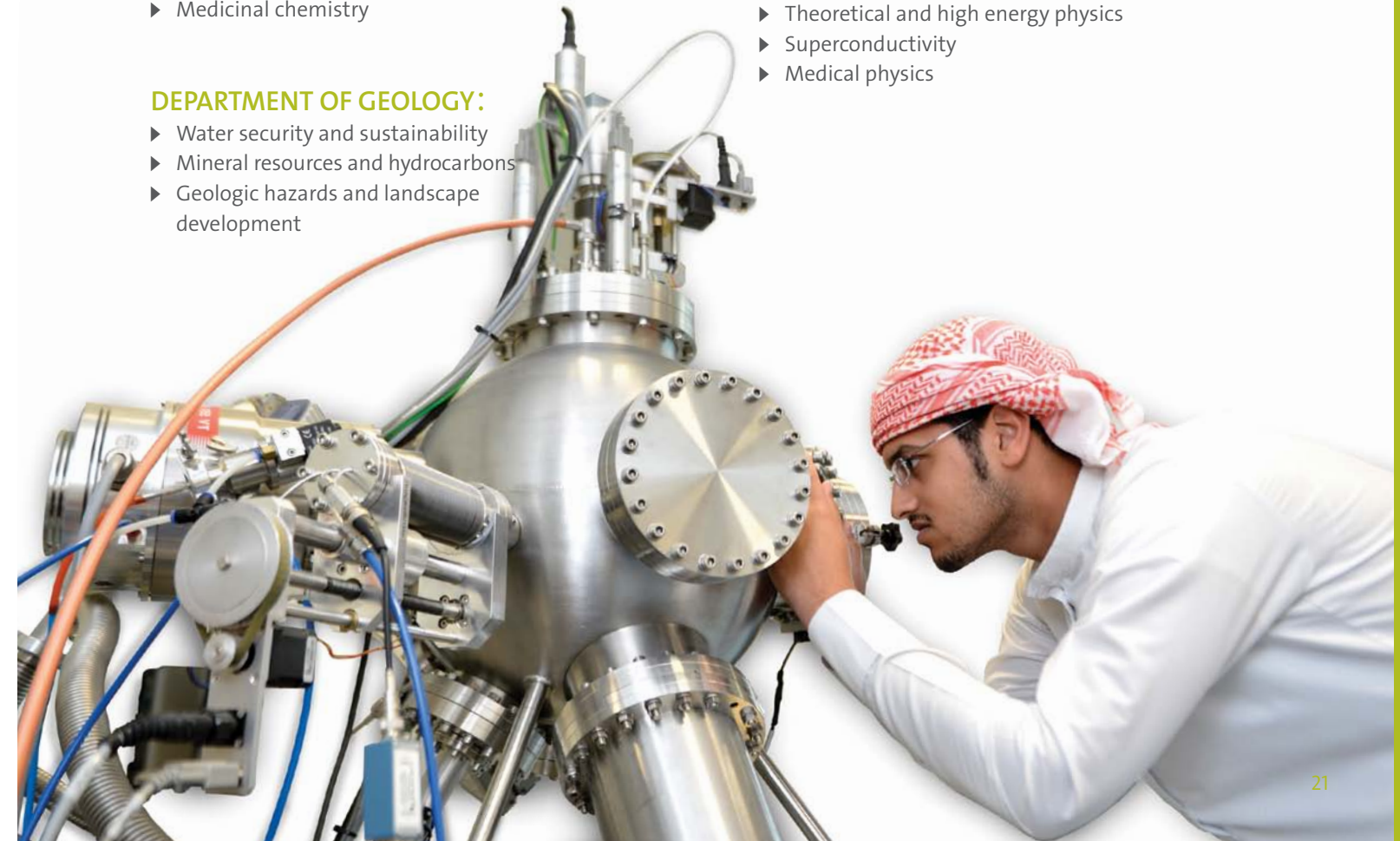
- ▶ Water security and sustainability
- ▶ Mineral resources and hydrocarbons
- ▶ Geologic hazards and landscape development

DEPARTMENT OF MATHEMATICAL SCIENCES:

- ▶ Computational fluid mechanics
- ▶ Environmental mathematics
- ▶ Biological mathematics
- ▶ Topology and its applications in DNA dynamics
- ▶ Fractional calculus
- ▶ Numerical analysis and applications
- ▶ Mathematical modeling
- ▶ Linear algebra and its application
- ▶ Cryptography and data transfer safety

DEPARTMENT OF PHYSICS:

- ▶ Nanophysics and nanotechnology
- ▶ Nuclear and renewable energy
- ▶ Advanced materials/semiconductor industry
- ▶ Theoretical and high energy physics
- ▶ Superconductivity
- ▶ Medical physics





CONSULTANCY & COMMUNITY SERVICES

All departments within the college are actively involved in community and consultancy services. The COS routinely welcomes local schools to visit the laboratories. In addition, departmental representatives participate in local school science exhibitions and fairs in an effort to further raise the interest of high school students in science and technology. COS faculty members usually serve as manuscript reviewers for highly-rated international scientific journals, and are regularly involved in reviewing promotion files for other regional universities.

The College of Science has been offering, and still offers, a broad range of scientific and technical services to industrial partners and governmental agencies. Areas of services include: desert ecology, aquatic ecology and coastal zone management, inorganic chemistry, organic chemistry, biochemistry, analytical chemistry, groundwater exploration, archaeological and heritages sites studies, forensic geosciences, mineral resources, applied mathematics, numerical analysis, nano-physics, material science, engineering and nuclear physics.

"Once I started my major I realized I was on a path of discovery. I found my classes and laboratory work to be fascinating and conducted in a friendly atmosphere with supportive and knowledgeable instructors."

Badriya Mahmood Ahmed Baig,
B.Sc. in Biology, 4th Year

WHY CHOOSE UAEU?

1

Excellence

At UAEU we focus on the quality of the learning experience for each student. UAEU's "excellence agenda" involves every aspect of the university. Here you will find the finest faculty in the nation, the most advanced technology in the region and the most modern and attractive campus facilities to be found anywhere. Our unrelenting focus on excellence ensures that your degree is highly regarded, both nationally and internationally, and that you will leave the university fully equipped for professional and personal success.

2

International Recognition

Based upon our international reputation, the employability of our graduates, and our research productivity, UAEU continues to rank among the best of the world's 13,000 universities. QS, a London-based international ranking of the world's leading universities, rates UAEU as number one in the nation and number 370 in the world. QS also includes UAEU on its list of the top 50 world universities that have been founded within the past 50 years.

3

Employability of our Graduates

Since our programs have been designed in partnership with employers, our graduates are highly sought after by both private and government entities. Our academic programs include not just classroom theory, but also practical internships and research experiences. Our graduates consistently find that their hands-on experience provides them both with the practical skills that employers value and with the connections and relationships that are an important part of the career-building process.

4

A Supportive Learning Environment

UAEU is committed to providing the support to ensure that every student can be successful. Our support services include counseling, healthcare, IT support, disability support, career services, financial aid, international student services, alumni services, a student success center and a student council. Regardless of the obstacles that you encounter along the way, there is always a mentor, a counselor, or an advisor nearby to help. Each student is provided with an individual academic advisor to assist with the critical decisions and choices that you face along the road to academic and career success.

5

A Vibrant Living Environment

Our goal is not only to give students an excellent degree qualification but also to ensure that you have fun along the way. Our students come from more than 50 countries, so you will interact with and learn from people of diverse cultural backgrounds. The university offers a wealth of extra-curricular activities and life-enhancing experiences to enrich your university experience, and with more than 50 Clubs and Societies at UAEU, there is no shortage of opportunities to have fun outside of lectures and to make friends. UAEU's campus is a real community with multiple cafés and restaurants, retail and banking facilities, bright, modern campus residences, and exceptional athletic and recreational facilities.

6

A Magnificent New Campus

The new UAEU campus features the most modern architecture, zones for specialized research centers, cutting edge IT network infrastructure, classrooms and labs that feature the latest equipment and instructional technology to enhance student learning. There is also an expansive library offering vast physical and electronic resources, two world class health clubs equipped with latest fitness equipment, two Olympic sized swimming pools, as well as tennis, basketball, and badminton courts.

7

Cutting-Edge Research

The UAEU is the nation's premier research university. We not only transmit knowledge to our students, but through our colleges and research centers we help to create new knowledge, work on developing new treatments for cancer, produce new technology for addressing the world's energy needs and develop new techniques for increasing the global food supply. Each year our historians and archaeologists help to discover and assess historical artifacts concerning the accomplishments and culture of the people from this part of the world. As a UAEU student, you will have the opportunity to work side by side with internationally known research faculty on these exciting projects.

8

Community Outreach

As the UAE's national university, UAEU recognizes the responsibility of the university and our graduates to contribute to the wellbeing of the broader community. We encourage our students and staff to give back to the community through civic engagement, public service, and research. The university helps students connect with volunteer and community service organizations in the student's particular area of interest.

9

Choice

No university in the nation provides as many academic choices as UAEU. The university offers 63 undergraduate and 67 graduate programs across a broad range of disciplines, including business, economics, education, engineering, food and agriculture, humanities, the social sciences, IT, law, medicine and health sciences, and the natural sciences. Many of our degree programs are unique to UAEU, and many of them are offered in unique combinations. Whatever your interests, talents, and goals, UAEU has a program to match.

CONTACT US

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