



جامعة الإمارات العربية المتحدة
United Arab Emirates University

UAEU



COLLEGE OF SCIENCE

2013 / 2014

WELCOME To

United Arab Emirates

A word cloud graphic centered around the word 'University'. The word 'University' is written vertically in a large, blue, sans-serif font. Surrounding it are various other words in different colors and sizes, including: 'Success' (yellow, vertical), 'Quality' (brown, horizontal), 'Creativity' (brown, horizontal), 'Flagship' (red, horizontal), 'Your Future' (purple, horizontal), 'Career' (blue, horizontal), 'High-Tech' (green, horizontal), 'Accredited' (green, horizontal), 'Achieve' (green, horizontal), 'Community' (green, horizontal), 'Mobile Learning' (red, horizontal), 'New Skills' (blue, horizontal), 'Develop' (yellow, vertical), 'Industry' (yellow, vertical), 'Knowledge' (blue, vertical), 'Research Intensive' (blue, horizontal), 'Innovation' (red, horizontal), 'Choice' (purple, horizontal), 'Excel' (blue, horizontal), 'Learn' (blue, horizontal), 'Graduate' (green, horizontal), 'Degree' (red, vertical), 'Achieve' (green, horizontal), 'Leader' (blue, horizontal), 'Goal' (blue, horizontal), 'Inspired' (green, horizontal), 'Get' (green, horizontal), 'Living' (blue, horizontal), 'Internship' (blue, horizontal), 'Excellence' (orange, horizontal), 'National University' (blue, horizontal), 'Opportunity' (green, horizontal), and 'Develop' (blue, horizontal).

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



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

TABLE OF CONTENTS

Dean’s Message	5
Overview of the College	6
Academic Programs	7
Undergraduate Information	9
Graduate Information	15
Research Capabilities	20
Consultancy & Community Services	23
Why Choose UAEU	24
Contact Us	26

DEAN’S MESSAGE

At present, United Arab Emirates University (UAEU) is more than ever engaged in a process of transformation to become a research-intensive university of the highest international standards. The College of Science (COS) responds to this ambitious and auspicious target, with its faculty members and students actively producing world-class research as judged by their outstanding publications in international journals, conference presentations, as well as their success in securing research funding.

The college not only involves Masters and PhD students in its research activities, but also undergraduate students. This gives them a glance of the cutting edge challenges in the world of science and technology and makes them more knowledgeable in their chosen field for future careers in academia or industry. 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. The outstanding facilities raised the level of research and teaching, inspiring the creativity of faculty and students.

The COS has established lasting connections with prestigious national and international institutes and organizations. Such collaborations provide opportunities for faculty & student exchange, 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 developments of any society cannot be truly sustained without a strong scientific base supported by high standards of education. The College of Science was among the first colleges to be established since the inception of United Arab Emirates University (UAEU). The college has five academic departments: Department of Biology, Department of Chemistry, Department of Geology, 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 M.Sc. 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 the accreditation process with the Institute of Physics – UK, while all programs offered at the COS are fully recognized by the Ministry of Higher Education and Scientific Research.

The college is implementating the use of modern technologies in both teaching and learning through smart classroom technologies and the utilization of iPads. The college also emphasizes an environment of learning through the experiential nature of laboratory-based coursework and field practical instruction.

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

The language of instruction is English and the 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 (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 Mathematics
Bachelor of Science in Physics

MASTER 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 PROGRAMS:

PhD in Biology
PhD in Chemistry
PhD in Geology
PhD in Mathematics
PhD in Physics



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 above 150 in the CEPA English exam and successfully pass the CEPA maths placement test.

Success at UAEU requires proficiency in both 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. The students placement in a UFP course level will depend on their scores in the UFP Placement Exams. There are three levels in 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 TOEFL minimum score of 500/61
 - An IELTS minimum 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 at 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 and international private and government organizations 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, Ministry of Environment and Water, Oil Companies, Environment Authorities, Chemical Defence at

the Military, Civil Defence, Forensic Laboratories, Ministry of Defence, National Centre for Metrology and Earthquake, Civil Engineer Firms, Water Testing Laboratories, Mining Companies, Biotechnology Companies, Pharmaceutical Companies, Ministry of Health, Ministry of Education (e.g. Science Teachers), and many of the Dubitech Companies. This is 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 the most modern curricula that are divided into three tracks. The tracks are: Cellular and Molecular Biology (CMB), General Biology (GB) and Ecology and Environmental Biology (EEB). The program allows the student to dwell on understanding life with the goal of preserving life for the prosperity of human civilization. In the current era, Biology is blooming with many significant discoveries both at scientific and technological levels with UAEU students playing a vital part in the advancement of science. Biology is the science aimed at understanding life at various levels of complexity that spans from the molecules to the biosphere. The curriculum reflects the richness and diversity manifested in its 50+ courses, laboratory work, and research.

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 will prepare a student for exciting employment opportunities. Our professors and teaching staff deliver enthusiastic instructions 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 towards teaching students the 'central science' nature of this discipline, including various aspects of making new and interesting compounds, determining their structures and studying their properties and reactivities. The degree is structured to provide students with a strong foundation in the traditional branches of Chemistry including analytical, organic, inorganic, physical as well as Biochemistry. In addition to general education courses, the Chemistry program also has supporting components from other disciplines such as mathematics, physics and IT.

Chemistry students can expect effective instruction, excellent lab facilities and 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 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 for many aspects of medicine and biotechnology. The Biochemistry degree at UAEU is offered through the Chemistry Department, and is based on European and North American standards. This degree continues to contribute to the country's base of qualified experts in the many fields of Biochemistry found in academic, government and industry laboratories including biomedical and biotechnological institutions. To facilitate these needs, the B.Sc. in Biochemistry offers an exciting



BACHELOR OF SCIENCE IN GEOLOGY

The Department of Geology offers a wide range of geoscience education for students interested in geological and geophysical explorations, mineral and hydrocarbon resources, groundwater resources and environmental hazards, and 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 MATHEMATICS

The 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 technically, 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 and advances our insight into nature. As a Physics student, you will enjoy 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 the diverse research areas and obtaining hands-on experience 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, and 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 CERN in Geneva(Switzerland) or Global Foundries in Dresden(Germany). The acquired experimental, mathematical, computer and work skills acquired by the students empowers 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, pharmaceutical and applied research. Many of our graduates further developed themselves 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 (M.Sc. and PhD) in their respective disciplines of science in partnership with industry and other government organizations.

MASTER PROGRAMS

The M.Sc. programs are designed to serve a wide variety of postgraduate prospects in the UAE and the region. The 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 the 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 M.Sc. programs offered at the COS include:

- 1. M.Sc. in Chemistry
- 2. M.Sc. in Environmental Science
- 3. M.Sc. in Mathematical Sciences
- 4. M.Sc. in Molecular Biology & Biotechnology
- 5. M.Sc. 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 Ministry of Higher Education and Scientific Research.
- ▶ A cumulative GPA of 2.5 on a 4.0 scale or equivalent, in all undergraduate work.
- ▶ A minimum TOEFL/IBT score of 500/61 or a score of at least 5.0 in IELTS . This test score must be less than two years old.
- ▶ Two professional letters of recommendation.

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

FEE STRUCTURE

Program	Cost
M.Sc. in Chemistry	AED 1,600 per credit hour (AED 1,600 x 30 = AED 48,000)
M.Sc. in Environmental Science	AED 1,600 per credit hour (AED 1,600 x 30 = AED 48,000)
M.Sc. in Mathematical Sciences	AED 1,600 per credit hour (AED 1,600 x 30 = AED 48,000)
M.Sc. in Molecular Biology & Biotechnology	AED 1,600 per credit hour (AED 2,000 x 30 = AED 60,000)
M.Sc. in Physics	AED 1,600 per credit hour (AED 1,600 x 30 = AED 48,000)

GRADUATION REQUIREMENTS

A total of 30 credit hours is required to complete the M.Sc. study plan which includes 24 credit hours of course work, plus an additional 6 credit hours to complete the thesis as shown in the table below.

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

A full-time M.Sc. student is expected to complete the M.Sc. 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 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.

The PhD degree is track based and affiliated to an academic department. The PhD tracks are:

- 1. Cellular and Molecular Biology (Biology Department)
- 2. Ecology and Environmental Biology (Biology Department)
- 3. Analytical Chemistry (Chemistry Department)
- 4. Organic Chemistry (Chemistry Department)
- 5. Physical Chemistry (Chemistry Department)
- 6. Inorganic Chemistry (Chemistry Department)
- 7. Geosciences (Geology Department)
- 8. Pure Mathematics (Mathematical Sciences Department)



- 9. Applied Mathematics (Mathematical Sciences Department)
- 10. Theoretical and Experimental Condensed Matter Physics (Physics Department)
- 11. High Energy and Elementary Particle Physics (Physics Department)

ADMISSION CRITERIA

- ▶ The program is open to UAE Nationals and Non-Nationals.
- ▶ The following minimum GPA requirements are required from an accredited university:
 - If post Bachelor degree entry – 3.3 out of 4.0 for the final 60 credit hours.
 - If post Masters degree entry – 3.3 out of 4.0 for Masters course work.
- ▶ A minimum TOEFL/IBT score of 550/79 or an overall IELTS score of 6.5.
- ▶ GRE scores will be considered.
- ▶ Two professional letters of recommendation.

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.
Bachelor degree entry: AED 2,400 x 66 = AED 158,400
Master degree entry: AED 2,400 x 36 = AED 86,400

GRADUATION REQUIREMENTS

Applicants with a B.Sc. degree have to complete a minimum of 66 graduate-level credit hours, however applicants with an M.Sc. degree are required to complete a minimum of

36 credit hours. 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.

"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 externally from abroad. The research strength of the COS is driven by an active interdisciplinary research collaboration with other colleges and with external institutes locally and internationally; qualified motivated faculty with diverse fields of specialty having an excellent record of publishing in major international journals; new modern research laboratories with world-class infrastructure and equipment; and our increasing number of graduate programs. The five departments at the COS maintain a strong research agenda that spans across several areas which are aligned with UAEU's main research strategy 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 modelling/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:

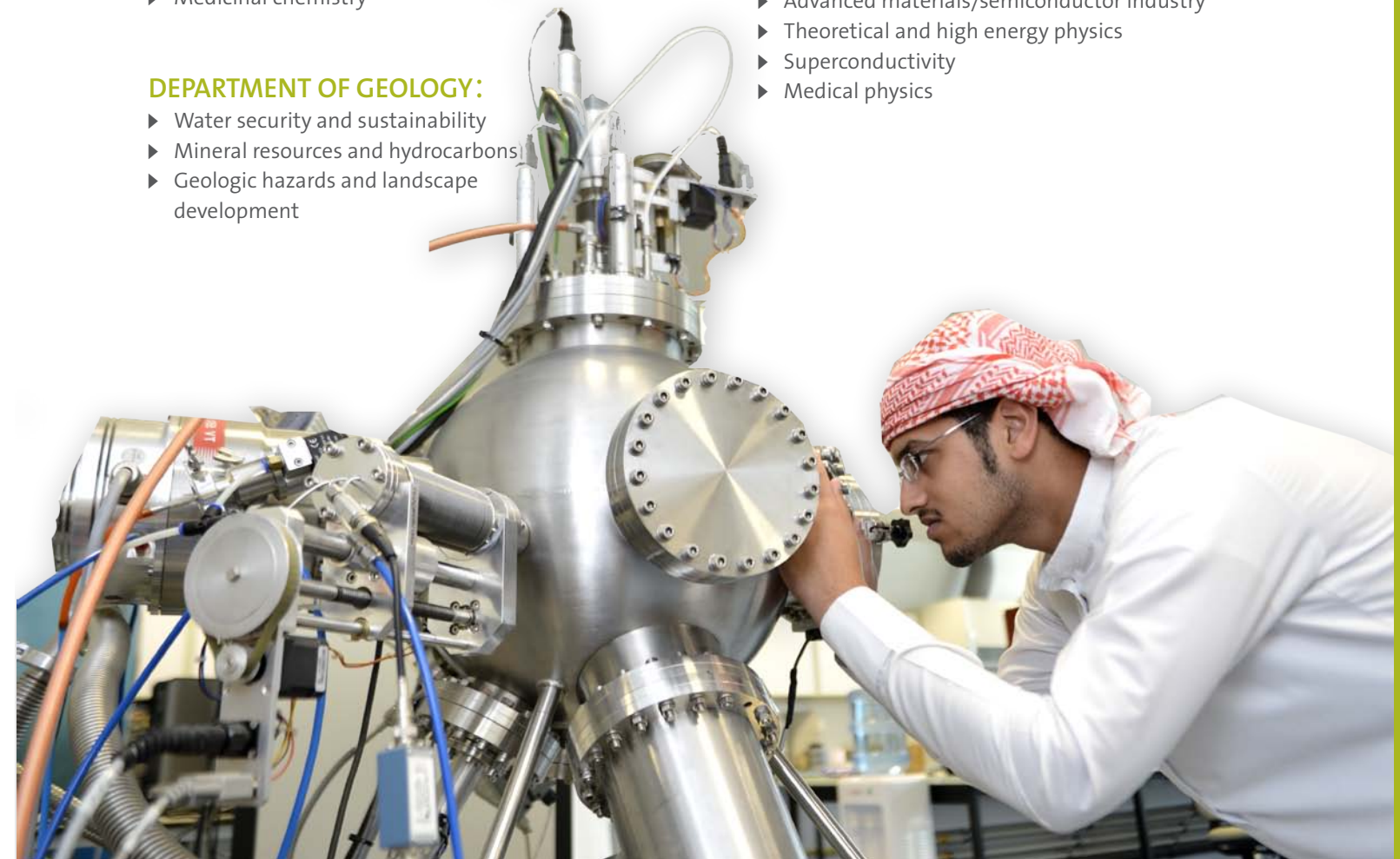
- ▶ Water security and sustainability
- ▶ Mineral resources and hydrocarbons
- ▶ Geologic hazards and landscape development

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 schools science exhibitions and fairs in an effort to further raise the interest of high school students in science and technology. The 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 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 and 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, and 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, an expansive library offering vast physical and electronic resources, and 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 create new knowledge, developing new treatments for cancer, new technology for addressing the world's energy needs, new techniques for increasing the global food supply, and each year our historians and archaeologists discover new information about history, the accomplishments, and the culture of 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

COLLEGE OF SCIENCE

United Arab Emirates University
Al-Ain, United Arab Emirates
P.O. Box: 15551
Tel: +971-3-7136343
Fax: + 971-3-7136905
Email: cos.office@uaeu.ac.ae
Web: www.uaeu.ac.ae

RESEARCH AND GRADUATE STUDIES

College of Science
United Arab Emirates University
Al-Ain, United Arab Emirates
P.O. Box: 15551
Tel: +971-3-7136341/7136347
Fax: +971-3-7136353
Email: cos.rgs@uaeu.ac.ae

ENROLMENT DEANSHIP (ADMISSIONS DEPARTMENT)

United Arab Emirates University
Al-Ain, United Arab Emirates
P.O. Box: 15551
Tel: +971-3-7134355
Fax: +971-3-7634989
Email: Undergradadmissions@uaeu.ac.ae,
postgradadmissions@uaeu.ac.ae

ACADEMICS ADVISOR (FEMALE CAMPUS)

United Arab Emirates University
Al-Ain, United Arab Emirates
P.O. Box: 15551
Tel: +971-3-7136352
Fax: +971-3-7636976
Email: cos.advisng2@uaeu.ac.ae

ACADEMICS ADVISOR (MALE CAMPUS)

United Arab Emirates University
Al-Ain, United Arab Emirates
P.O. Box: 15551
Tel: +971-3-7134650
Fax: +971-3-7636976
Email: cos.advisng2@uaeu.ac.ae

