

DEAN'S MESSAGE



Welcome to the College of Science (COS) at the United Arab Emirates University (UAEU).

Here you will find information about the programs offered in the College of Science. If you desire for more information, please contact us (cos.office@uaeu.ac.ae) or visit the campus and we will be pleased to introduce you to the College and show our excellent facilities.

The College of Science offers six undergraduate programs (Biology, Biochemistry, Chemistry, Geosciences, Mathematical Sciences and Physics); six M.Sc. programs (Environmental Sciences, Molecular Biology and Biotechnology, Chemistry, Mathematics, Physics and Space Science), two BS-MS programs in Physics and Mathematics and six PhD programs.

The College of Science emphasizes a solid learning environment through internationally accredited programs in mathematics and natural sciences that impart in its graduate the experimental nature of these sciences through laboratory-based coursework and practical field experimentation. In partnership with industries and organizations, Science students are offered a unique internship experience before they graduate. This opportunity prepares them for success and leadership in a highly competitive and rapidly changing global marketplace and to provide a high-quality technical workforce for the future.

The College of Science emphasizes an environment of learning through the experiential nature of laboratory-based coursework and practical field instruction. In partnership with industry and organizations, the goal is to prepare students for success and leadership in the highly competitive and rapidly changing global marketplace and to provide a high-quality technical workforce for the future.

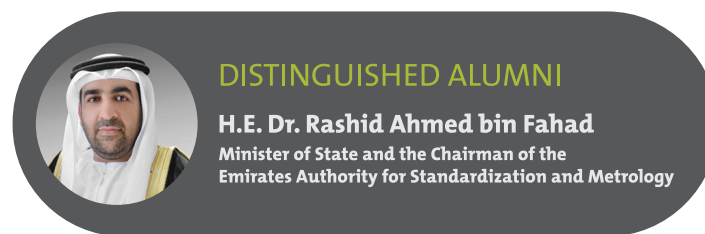
Our College is dedicated to both education and career development. We nurture and encourage the transformation of our students into confident graduates with professional skills and qualities and enthusiasm for their chosen careers.

Whether the choice is Biology, Biochemistry, Chemistry, Geology, Mathematical Sciences or Physics, we challenge students to broaden their horizons and help them develop a lifelong interest in learning and the capacity for independent thinking, which are the hallmarks of successful leaders.

Prof. Maamar Benkraouda
Dean, College of Science

QUICK FACTS

Estd.
1977



DISTINGUISHED ALUMNI

H.E. Dr. Rashid Ahmed bin Fahad
Minister of State and the Chairman of the
Emirates Authority for Standardization and Metrology



50+
**Well Equipped
Research Labs**



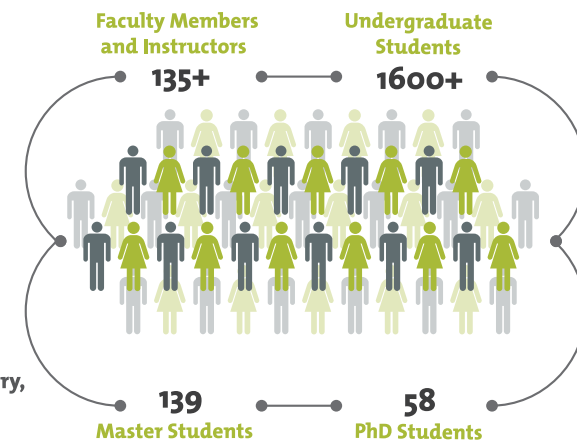
**Chemistry program accredited
by Canadian Society for
Chemistry (CSC) in 2007,
and by Royal Society of Chemistry,
UK (RSC) in 2010 and 2016.**



**B.Sc. in Biology obtained
the first external accreditation
from the Royal Society of
Biology (RSB) in 2019**



BSc in Physics program
is accredited by ANSAC-ABET in 2020
6 Undergraduate Programs
6 Master's Programs
accredited by CAA in 2017
PhD Program in 6 Majors
accredited by CAA in 2020



5
**Student
Clubs**



400+
**Faculty and Student
Publications
in 2020-2021**



11:1
**Student
Faculty Ratio
(FTE)**

High quality teaching environment with modern research laboratories and equipment.

WHAT PROGRAMS DO WE OFFER?

UNDERGRADUATE PROGRAMS:

Bachelor of Science in Biology
Bachelor of Science in Biochemistry
Bachelor of Science in Chemistry
Bachelor of Science in Geosciences
Bachelor of Science in Mathematical Sciences
Bachelor of Science in Physics

MASTER'S PROGRAMS:

Master of Science in Environmental Science
Master of Science in Molecular Biology & Biotechnology
Master of Science in Chemistry
Master of Science in Mathematics
Master of Science in Physics
Master of Science in Space Science

PHD PROGRAM:

Doctor of Philosophy in Chemistry
Doctor of Philosophy in Geosciences
Doctor of Philosophy in Mathematical Sciences
Doctor of Philosophy in Physics
Doctor of Philosophy in Cellular and Molecular Biology
Doctor of Philosophy in Ecology and Environmental Sciences

WHAT CAN I DO WITH MY DEGREE?

BIOLOGY

Biological Expert
Lab Specialist
Forensic Detective
Environmentalist
Ecological & Biological Investigator
Marine Researcher

CHEMISTRY

Chemical Expert
Lab Specialist
Forensic Investigator
Scientist/Chemist
Researcher
Schools Teacher
Hospital Lab Chemist
Chemical Company Technician
Biotechnology and Pharmaceutical Analyst
Oil and Gas Quality Controller
And Many More

ADMISSION

To find out more details about how to apply for any of our undergraduate and graduate programs, please visit our website.



GEOSCIENCES

Geologist/Director in Mineral Exploration
Geologist/Director in Oil & Gas Industry
Geologist/Director in Energy
Expert/Director in Municipality
Mineralogist/Manager in Mining Company
Drilling Specialist
Municipal Developer
Urban Planning Expert
Researcher
Geochemist in Environmental & Water Sectors
Teacher

MATHEMATICAL SCIENCES

Financial Officer
Data Analystist
Project Manager
Account Manager
Teller/Cashier Manager
Banker
Teacher

PHYSICS

Scientist
Researcher
Astronomy and Space Science Specialist
Renewable Energy Specialist and Developer
Industry Consultant
Teacher