

# Welcome to the Faculty of Science

Faculty of Science, Assiut University is for higher education and scientific research in the field of basic sciences to fulfill the mission of the University complying with the moral and religious ethics, through Preparing generations of researchers and specialists in the scientific research for educational and industrial centers, Offering the best educational services in basic science for the B.Sc. students to acquire the required skills through education programs based on the national standards, Participating in the development of basic sciences (Mathematics, Computer Science, Physics, Chemistry, Biology and Geology) via the post-graduate research programs, Exploiting the faculty human resources, research facilities and expertise to solve environmental problems and to enhance community development, &Playing a unique role in south valley development studies and performing projects for going out from the narrow valley in the south.



## Did you know?

- 1 The Faculty of Science Plays a unique role in south valley development training studies and performing projects for going out from the narrow valley in the south.
- 2 It also have an influential role in the development of society through training and educational programs, counseling, and interaction between the institution and community
- 3 It is one of the first 2 faculties that opened in Assiut University.



## Dean's word

It is my great pleasure and honor to welcome you to the official page of the Faculty of Science, Assiut University. Our belief that basic science is the main foundation for advancement in the society encourages us to take the challenge of establishing and maintaining high levels of teaching and research in basic science, and we trust we are making progress in this regard. The college awards the bachelor's degree in more than twenty branches of basic science. This makes us one of the nation's most scientifically rich academic institutions. In addition, higher degrees (M.Sc., Ph.D. and honorary degrees) are awarded. Our college is accredited by the National Authority for Quality Assurance and Accreditation in Education. Being the first to be accredited among the many colleges of science in Egypt comes as no surprise, and certainly has not come out of a vacuum. The college is well equipped with teaching and research facilities as well as highly qualified staff. Many of our staff have obtained their degrees in renowned universities, and are still keeping intimate collaboration with colleagues in these world-reputed institutions. This enriches our research fields and keeps us up to the most advanced trends in science.

**Prof./Abdel-Hamid Abu-Eladab Drawish Abu-Sehly**  
Dean of Faculty of Science

## Brief history about the faculty

The University of Assiut was established in October 1957 with only two faculties, faculty of science and faculty of engineering. The Faculty of Science has been characterized by a unique teaching system: the common department system. Such system makes the faculty responsible for teaching all courses in the basic sciences to undergraduates as well as to graduate students of different faculties of the university. Therefore, the faculty introduces strong, active, top-quality six scientific departments.



# Faculty of Science

## Fact Sheet



# Students Capacity



## 1,832 Students

## How to apply in the university?

Come and see what does the faculty of Science offers during AUN's open day or contact the faculty to arrange a visit. Undergraduate admission differs depending on whether you are a high school student or whether you want to transfer from another university to AUN.

It is widely acknowledged that the transition from school to University is significant – the quantity of work, the pace at which material is covered and the conceptual complexity are all greater than students have experienced at school. Our experience has shown that many first-year students can overcome the difficult transition from high school to University by receiving a reduced learning load in their first year and by spreading the curriculum over a four year Period. Visit the faculty of Science at AUN website to know more about the admission.

## CONTACT US

 Tel: 2345643 , 2412000  
Fax: 0020/88/2342223

 [sci@aun.edu.eg](mailto:sci@aun.edu.eg)

 [www.aun.edu.eg/faculty\\_science](http://www.aun.edu.eg/faculty_science)

## The Six Departments

### ○ Department of Mathematics

The department of mathematics at the Faculty of Science is housed in one of the two adjacent buildings of the Faculty, a five-story-building built in the early 1960s. The department has a library which houses thousands of books and periodicals in almost all branches of mathematics. The department is also equipped with five computer laboratories. Two of the laboratories, for the staff members, assistant lecturers and demonstrators, each houses 5 microcomputers and 2 printers. The last three, for the students, each houses 30 microcomputers and 3 printers

### ○ Department of Physics

The Physics Department was inaugurated in the academic year 1957/1958. The Department is housed in one building on the campus of Assiut University. The Department occupies five floors, which are built in the early 1960's that enable the department to be one of the most modern physics laboratories in Egypt.

### ○ Department of Chemistry

The Department of Chemistry has developed rapidly since its inception in 1957 with the founding of Assiut University. One of our important tasks in this Department is to create a climate that encourages excellence and productive scientific work and spur all members to do their best. The Chemistry Department in the Faculty of Science is the Largest in Assiut University (128 departments) and second to none in all Upper Egypt.

### ○ Department of Geology

The department provides our students with the highest quality education, including rich academic experience, research opportunities and field related skills. In addition to offering employment prospects, and friendly environment, including a strong support group through in-house student organizations.



### ○ Department Botany & Microbiology

The department supplies the market with highly qualified graduates to fulfill the market needs. It plays an essential role in solving the environmental problems and in community services in cooperating with other scientific faculties and organizations. Moreover, it provides excellent educational services for students in Botanical science discipline during Bachelor study, in order to equip them with the required skills, according to the local and international criteria.

### ○ Department of Zoology & Entomology

It is a nationally and internationally recognized academic department that undertakes research and renders community service in the biological sciences. It offers diverse programs designed to acquaint students with a broad knowledge of Zoological principles in association with other basic sciences and Contributes to the educational, cultural, social, economic and sustainable development of the Upper Egypt communities, especially those of Assiut and New Valley.

## Research

- " Distributed optimal control of viscous Burgers' equation via a high-order, linearization, integral, nodal discontinuous Gegenbauer-Galerkin method " *Optimal Control, Applications and Methods* , Volume 41 - Issue 1, pp. 253--277, 1, 2020
- " Investigating the Influence of Meteorological Parameters on the Accuracy of Sea-Level Prediction Models in Sabah, Malaysia " *Sustainability*, 12(3), 1193, 2020, NULL
- " Synergistic electrocatalytic activity of In<sub>2</sub>O<sub>3</sub>@FMWCNTs nanocomposite for electrochemical quantification of dobutamine in clinical patient blood and in injection dosage form " *Talanta*, Vol. 208, NULL, 2020, NULL
- " Variations in growth behavior, yield and DNA stability of two vegetable crops cultivated in radioactive spiked soils " *Environmental Pollution*, Volume 259 , pp. 1-8 (113891), 4, 2020,