

## CORPORATE NETWORK

HU builds strategic alliances with Egyptian and international industry partners, in order to guarantee a close link between research and practice for development. HU is member of an international network of "University Chairs on Innovation" established by the United Nation Industrial Development Organization (UNIDO), as linkage to enterprises within the university.



## FOUNDERS

The founding institutions of HU are:

- **SEKEM Development Foundation**, working in the fields of education (kindergarten, school, therapeutic pedagogy), vocational training, adult education, research and medical prevention
- **Abouleish Foundation**, responsible for establishing Higher Education, Arts and technical institutes .
- **The SEKEM Holding**, consisting of 9 companies in the fields of biodynamic agriculture, organic food, textiles, pharmaceuticals and renewable energies is supporting the HU with financial assistance, an international partner network and continuous cooperation in research and teaching.



## CONTACT

### Heliopolis University for Sustainable Development

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## GUIDING PRINCIPLE

The challenges of the Future – such as climate change, resource scarcity, population growth, extreme poverty. – need innovative solutions and prospective answers. The Heliopolis University for Sustainable Development (HU) is committed to face these challenges and has declared sustainable development to be its overall guiding principle.

## VISION

Heliopolis University strives for the Sustainable Development of Human kind, Communities and Nature in Egypt and the World.

## AIMS

- To provide a high-quality and challenging educational, and research experience in which students can develop both personally and intellectually.
- To enable students to gain a broad understanding of the issues related to sustainability and the relevant scientific disciplines selected by them.
- To develop critical and social awareness.
- To equip students with a set of personal transferable skills and key ethical values that will enable them either to find employment, set up or manage their own enterprises, altogether with a view to contributing to their community.
- To help students identify and achieve their own personal goals and make a valuable contribution to society, if not also to the world at large.
- To develop autonomous learners, immersed in the humanities, who can identify problems and resolve them creatively, individually and communally.
- To develop the entrepreneurial impulse in the students.



## CONCEPT

The HU is based on an advanced understanding of the university concept, in which teaching, research and practice form a unity.

Interactive learning methods and study programs according to the European Credit Transfer System (ECTS), enabling **mobility** of the students and researchers.

Participation in **interdisciplinary** research with national, regional and international partners.

Integration of the “practical experience” to enable the discovery of inherent future solutions.

## FACULTIES

The first phase of Heliopolis University will include three faculties, each of them offering degrees at a bachelor level. The three initial Faculties are those of Business & Economics, Pharmacy and Drug Technology, Engineering and Technology.

### BUSINESS AND ECONOMICS

B.A. Sustainable Management & Economics

### PHARMACY AND DRUG TECHNOLOGY

B.SC. Pharmaceutical sciences

### ENGINEERING AND TECHNOLOGY

B.SC. Renewable Energy

B.SC. Water

B.SC. Mechatronics

## CORE PROGRAM

The Core Program is part of every Bachelor program including natural and social science, humanities and arts courses. It overlaps all the faculties and is part of every student academic life. Sustainability will be the overall guiding principle. English and German are the standard language of study and official communication.

## PARTNERSHIPS WITH UNIVERSITIES

Bachelor and graduate programs are developed and implemented together with international, especially Euro-Mediterranean partner universities. We are currently working in international research cooperation with different universities on projects in the fields of biodynamic agriculture, renewable energies, water, mechatronics, medicine and pharmacy. Based on this network, HU signed 24 Memoranda of Understanding over the last 5 years with high-ranked, international universities.

HU hosts of the “Regional Centre of Expertise for Education on Sustainable Development Cairo” associated with the United Nations University in Tokyo.