

1. Teaching and training activities

A. Undergraduate Teaching

1. Biology Course for Pre-Professional Program.

Department of Physiology participates in teaching “Biology for Health Sciences” course, which is a part of the pre-professional program (Phase 1). This course is conducted in collaboration with staff from the departments of Microbiology, Biochemistry and Anatomy.

2. Biophysics Course (No. 1400141) for Pre-Professional Program.

Three academic staff members from the Department (Biomedical Engineering Unit) organize and deliver Biophysics 3 credit hours course, which is a part of the pre-professional program (Phase 1).

3. Foundation block – Cellular and general physiology

Department of Physiology delivers lectures and tutorials for second year (phase 2) students as a part of Foundation Block. Topics that are covered are general and cellular physiology. These topics are important as a basic knowledge in order to follow physiology of the body systems, which is mainly taught in the modules during the 3rd and 4th year.

4. System Modules ion year 3 and 4.

The highest teaching load for the department is in delivering lectures, tutorials, PBL session and practical for the system modules in the phase 2 (3rd and 4th year) for Medical and Dental students. Academic staff participates or organizes the following system modules:

1. Blood & lymph,
2. Cardiovascular system,
3. Respiratory system,
4. Endocrine system,
5. Musculoskeletal system,
6. Nervous system
7. Renal system
8. Reproduction & Breast
9. Digestive System.

5. Elective courses for Phase II.

Department of Physiology offers four elective courses to Phase 2 students:

1. Neurocardiology and Cardiovascular Regulation
2. Introduction to Scientific Research in Physiology
3. Assessment of the Respiratory System Functions
4. Hormones and Behavior

6. Systems Physiology Course for Pharmacy students.

This course provides Pharmacy students (2nd year) with basic knowledge on how body systems work. It is a 2 credit course.

7. Physiology courses for students from Faculty for Allied Health Sciences.

Department of Physiology offers three courses and participates in one course to students in the Faculty of Allied Health. These include:

1. Physiology (course# 0530- 152);
2. Exercise Physiology (course# 0530- 362)
3. Neuroscience (course# 0530-310);
4. Cardiopulmonary rehabilitation (Course# 0530-312).

B. Graduate Teaching

(i) M. Sc. Program in Physiology.

This is one of the oldest graduate programs in Kuwait University. Currently there are 7 students in this program. In addition, there are 3 students who that are enrolled in M.Sc. program in Biomedical Sciences and who are doing their MSc thesis in Department of Physiology.

(ii) Ph.D. Program

Department of Physiology delivers the oldest Ph.D. program in FOM and KU. So far, from the beginning, 5 students graduated from this program. At present we have 6 students in this program.