



NEAR EAST UNIVERSITY

**DEPARTMENT OF Biomedical
Engineering**

***Qualification Requirements and
Regulations***

2021-2022

1. Qualification Requirements

159 Near East University Credits (Near East University Credit is contact hour based) which is total 243 ECTS credits must be completed after being successful in the courses to become a graduate of the Biomedical Engineering department.

ECTS is a credit system designed to make it easier for students to move between different countries. Since they are based on the learning achievements and workload of a course, a student can transfer their ECTS credits from one university to another so they are added up to contribute to an individual's degree programme or training. ECTS helps to make learning more student-centred. It is a central tool in the Bologna Process, which aims to make national systems more compatible.

ECTS also helps with the planning, delivery and evaluation of study programmes, and makes them more transparent (http://ec.europa.eu/education/ects/ects_en.htm).

ECTS is the most commonly used credit system in Europe. The major difference between the European Credit System ECTS and the US College Credit system is that the first is based on student workload and the second on contact hours. The ECTS is oriented towards the time required for a student to meet the intended study outcomes, while the U.S. system is more oriented towards the time a faculty member needs to teach.

Here is an example of conversion of credits from ECTS to Semester Credit Hours for a college or university in the U.S.: 1.67 ECTS = 1.00 US College Credit Hours

Conversion standards may vary between higher education institutions in the U.S.

(<http://www.mastersportal.eu/articles/1110/what-you-need-to-know-about-academic-credit-systems-in-the-us.html>)

A student is required to have minimum pass grade from each course and obtain minimum 2.00/4.00 cumulative Grade point Average (cumulative GPA).

The students who have successfully completed the programme should be able to be science-based, skilled and competent **Biomedical Engineering specialist** prepared to meet the challenges of practicing Biomedical engineering in the 21st century, and **researchers** who are prepared to conduct Biomedical engineering research focused on bettering the human condition and advancing the fundamental understanding of Biomedical engineering.

