



Credits and Student Workload Information Guide

Consistently to National Qualification Framework (NQF) [NQF2023](#), one credit provides the basis for measuring the amount of work representing in intended learning outcomes and confirmed by substantiation of student accomplishment that is an institutionally established equivalency. It presents the unit by which the institution measures the course work. The number of hours assigned to a course based both on the number of instructional hours per week spent in class over a standard academic term (semester) and the amount of preparatory time per week that students must spend outside the class to complete all course objectives. Indeed, one hour of class or direct faculty instruction and at least two hours of out-of-class student work for about fifteen weeks for the semester. A contact hour is the amount of scheduled time spent in the class and equal to fifty minutes per credit hour awarded.

The University policy stipulates that the number of credit hours awarded for each course (depending on the course workload, amount of contact time with the instructor, and the amount of study time) is distributed following the rule:

- The lecture is associated with a contact hour of 50 minutes per credit.
- Tutorial is associated with a contact hour of 100 minutes per credit.
- Laboratory is associated with a contact hour of 150 minutes per credit.
- For every three hours in the laboratory, the students perform an extra one hour of out-of-class work and preparation.

According to its specification document, the program can be completed during the standard period of the study. On average a student can study:

- 43 credit hours per year for a BSc program. To translate ECTS credits into NQF credits for the bachelor's degree, we divide the ECTS credits by 0.7. That means
- 1 ECTS = 0.715 NQF credits for BSc.

The following table summarizes the program workload for the whole duration of the program (4 years)

Program name	NQF Level	EQF Level	NQF Credit	total amount work (hours)	contact hours per week	total contact hours (12 weeks)	student workload (hours per trimester)	ECTS
Bachelor of Science in Chemistry	6	6	174	6960	270	3240	3688	243.6

For more details, see excel file [NQF-ETCs workload and Credits.xlsx](#)

The approach adopted to estimate student workload in the new curricula was mainly based on four steps: (i) The ratio (number of credits / student hours); (ii) The proportionality: Planning educational activities /determining student time involved; (iii) Checking of workload by student evaluations in terms of real time involved (in class and via survey during the current year of implementation of the new curricula); and (iv) The use student evaluations and the course reports to adjust the student learning time either with regard to the number of NQF credits allocated and/or the educational components and/or workload.