

No.: 37 /HD-ĐHBK-ĐT
Converting study credits according to
HUST and universities in Europe

To: Schools / Faculties

For the convenience of schools/faculties in converting credits for students studying at Hanoi University of Science and Technology (HUST) or exchange to universities in Europe, HUST guidelines are as follows:

1. The credit system according to the regulations of Vietnam and Europe

1.1 Vietnamese credits

a. Domestic regulations

- Credits are used to calculate the student's studying volume.
- 01 TC is defined by 15 periods of theoretical lectures; 30 - 45 periods of practice, experiments or discussions; 45 - 90 periods of enterprise visiting/ internship; 45 - 60 periods of essays, assignments or projects, graduation thesis. For lectures, practice, experiments, to acquire 01 credit, students must spend at least 30 hours preparing individually¹.
- 01 period is equal to 50 minutes².

b. Duration of 1 credit

- 01 credit is equivalent to 45 periods, including lectures, and self-study hours. Normally, 01 credit consists of 15 periods of lectures or 30 periods of exercises, discussion, practice, experiment³.
- To achieve 01 theoretical credit, a student needs to spend 15 periods in class and 30 self-study hours. Thus, 01 theoretical credit: 15 periods x 50 minutes + 30 hours = 42.5 hours.
- To achieve 01 practical credit of test, practice, experiment or discussion, a student needs to spend 30 hours on exam, discussion, practice, experiment and preparation, 30 hours on self-study. Thus, 01 TC: 30 periods x 50 minutes + 30 hours = 55 hours.

To achieve 01 credit for doing major exercises or subject projects, graduation thesis, a student needs to spend from 45 to 60 hours.

1.2 European Credit Transfer System-ECTS

a. European convention

According to the European Credit Transfer System (ECTS), the universities participating in the Bologna⁴ process apply ECTS to calculate the student workload and compare the student workload with other programs in order to convert and recognize students' learning outcomes in exchange programs at membership institutions and under the systems of different countries.

- 01 ECTS credit is prescribed equivalent to 30 hours for the total time on classroom learning activities, practice, experiment, practice, self-study...

- 01 lesson hour is counted as 60 minutes.

b. ECTS credits convert to study hours

Depending on each country, 01 ECTS credit is equal to between 25 to 30 study hours of classroom study, practice, experiment, internship, self-study. The exact number of hours is different from country to country. A few examples:

- In Austria, Italy and Spain: 01 ECTS = 25 study hours

- In Finland: 01 ECTS = 27 study hours

- In the Netherlands, Portugal: 01 ECTS = 28 study hours

- In Germany, Belgium, Romania, Hungary: 01 ECTS = 30 study hours

2. Applying to convert a credits of HUST and universities in Europe

a. Steps to convert equivalent credits

Step 1: Determine the total number of hours students need to study to complete a module or a module including a number of specific modules in the programs of HUST.

Step 2: Determine the total number of hours students need to study to complete a module or a module including a specific number of modules in the programs of European Universities.

Step 3: Consider the appropriateness between the modules and modules in the programs of

Step 4: Calculate the equivalent credit conversion according to the workload of the module, based on the regulations of each institution and country on the credit system.

c. Table of equivalent credit duration conversion at HUST and universities in Germany

HUST credit	HUST study hour	Converting credits according to ECTS of universities in Germany	Equivalent credit
01 credit of theoretical lecture	42,5 study hours	1 ECTS = 30 study hours	1 credit = 1,42 ECTS
01 credit with both theory and exercises/experiments	55 study hours	1 ECTS = 30 study hours	1 credit = 1,83 ECTS
01 credit for internship	65-80 study hours	1 ECTS = 30 study hours	1 credit = (2,2-2,67) ECTS
01 credit for project, graduation thesis	45-60 study hours	1 ECTS = 30 study hours	1 credit = (1,5-2,0) ECTS

The conversion of equivalent credit for students as guided above is applied to student exchange activities and recognition of learning results in programs of HUST and other European universities.

VICE-PRESIDENT

Assoc. Prof. Dr. Nguyen Phong Dien
(Signed)