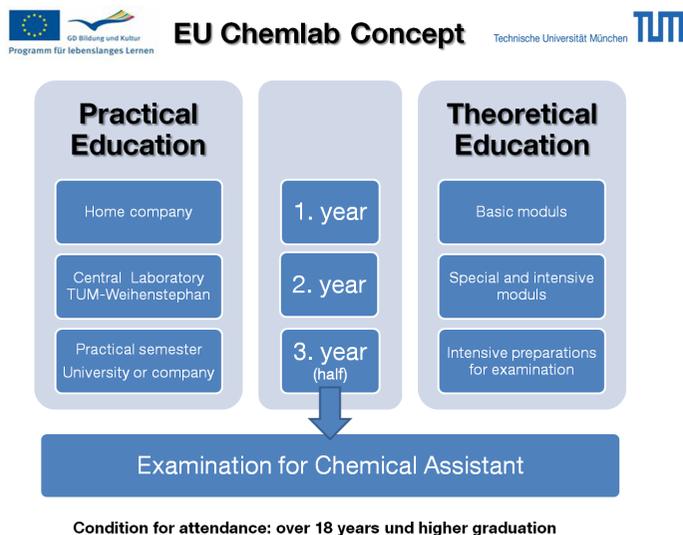


## EU project: contents

At present a degree in accordance with the German educational legislation would be obtained. In the process of this project the establishment of an European degree is aspired. Therefore the advantages of the already existing educational situations in each country are to be used, to implement a practical oriented training in the field of (analytical) chemistry for a common European concept.

In the second year several ECVET modules are to be conducted. Comparable quality and aligned requirements will be guaranteed by each university. In doing so different analytical topics will be offered: cosmetic analysis (Poland), food analysis (Germany), pharmaceutical analysis (Georgia), environmental analysis (Greece) and water analysis (Turkey). Hence complementary training schools will be formed, whose modules are mutually acknowledged and evaluated. Additionally during their education alumni will get to know other European countries and their individual job prospects.

## EU project: concept



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## „European Apprenticeship Training for Chemical Laboratory Technician“

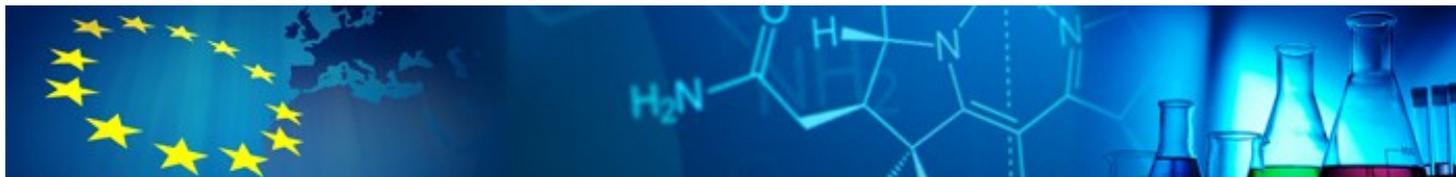
*Leonardo da Vinci*

*Transfer of Innovation*

*Part of the European Commission's*

*Lifelong Learning Programme*





„European chemical laboratory technicians“

## European Apprenticeship Training for Chemical Laboratory Technicians

The idea of

### EU chemical laboratory technicians

is a non-academic  
dual education strategy

in line with the Leonardo da Vinci program. Students receive internationally comparable skills and expertise (practical and theoretical) thanks to education modules that are adjusted to both, companies and (academic) vocational schools, including the involvement of the European ECVET system. This educational concept addresses to graduates that are at a minimum 18 years of age and hold degrees that are comparable to the German Abitur. With this a duration of training of 2,5 years and a degree that is similar to the German educational system is guaranteed.

### Educational procedure

During the **first year** education will take place in the native company. There basic knowledge regarding practical work in the company and its target course will be imparted. Simultaneously the students will be taught about the basic chemical techniques by the respective vocational schools. This is done with the aid of a new e-learning platform (courses in English and the respective mother tongue).

**Second year:** After an intermediate examination students will be trained in special chemical techniques with an emphasis on analytical chemistry, this in companies as well as in vocational schools. For this the students will also visit two month-long ECVET modules (one in their native country and one abroad).

In the **third year** (1/2 year) it is intended that students gather practical experience in a German or foreign company and finally finish the training with an examination.

### Examination

Ending the apprenticeship a examination preparation course will be conducted. After that the student passes a national test (similar to the test held by the chamber of commerce for Munich an Upper Bavaria) to become **EU chemical laboratory technician**.

### Accomplishment

In the beginning the number of participants is limited to 30. Currently up to five alumni are to be expected of every participating country (at present Germany, Georgia, Greece, Poland, Czech Republic, Turkey).

Funding of students is to be carried out by the companies of each country. The (academic) vocational schools will receive funds by a Leonardo da Vinci innovation transfer project with the goal of long-term financial independence.