

## „European Chemical Laboratory Assistant“

### European Apprenticeship Training for Chemical Laboratory Assistants



The idea of the **EU Chemical Laboratory Assistant** is a non-academic education and training strategy within the Leonardo da Vinci programme. The trainees obtain practical and theoretical knowledge through coordinated and evaluated learning modules.

The training concept is primarily targeted towards secondary school graduates (older than 18 years of age and with a degree comparable to the German Abitur).

With this the length of the training programme will be 2.5 years and a degree according to the German education and training system can be achieved.

## Vocational education and training steps

During the **1<sup>st</sup> year** the vocational education and training takes place in the home company. There primarily practical basic knowledge is imparted regarding work in the company and its goals. At the same time the trainees will attend a course at a German vocational school and also partake in further modules via E-learning (courses are in German and English).

In the **2<sup>nd</sup> year** the trainees will be taught both practically and theoretically with emphasis on “instrumental analytics” at the Technical University Munich. The training will be under the guidance of the German vocational school and the Technical University Munich.

In the **3<sup>rd</sup> year** (1/2 year) trainees will gain further practical experience in a German or foreign company according to plan.

## Examination

At the end of the training programme a test preparation course will be offered. Afterwards the trainee will have the final examination at the Chamber of Industry and Commerce for Munich and Upper Bavaria in Munich to obtain the associate degree **Chemical Laboratory Assistant**.

## Process

In the beginning the maximal number of participants is restricted to 30 persons. For each participating country (currently Georgia, Greece, Poland, Turkey) 5 to 10 graduates are currently expected to participate.

Initially the training will be funded by the companies of each respective country with the goal to receive financial support from national or European funding programmes.

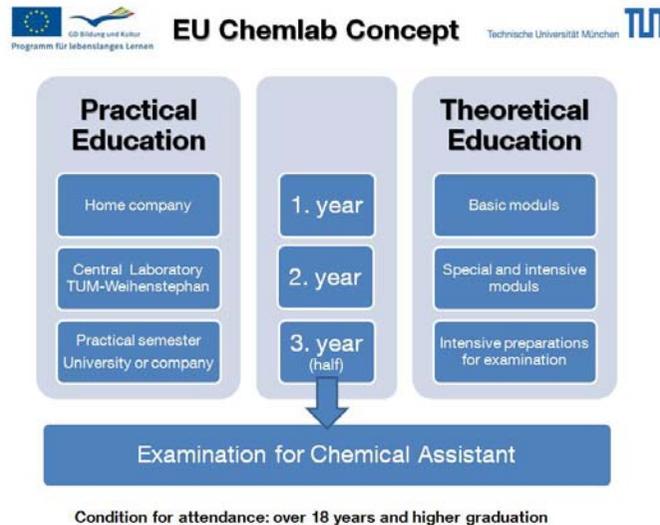
## Contents of the European Union Project

Currently the degree is obtained according to the German education and training regulations. In the long term the goal is the establishment of a European degree. Therefore the advantages of the existing training situations in the respective countries should be used to transform a practice-oriented training in the field of chemistry into a common European concept.

As a consequence the training section at the TU Munich which is planned for the 2<sup>nd</sup> year has to be decoupled and several 2 to 3 months long course modules have to be implemented at the institutes of the participating countries. In this way complementary training sites will emerge where course modules will be mutually recognized and evaluated.

With this the trainees will get to know multiple European countries and their professional possibilities within the Leonardo da Vinci programme.

## Concept of the European Union Project



## Contact

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# Chemlab

**„European Apprenticeship  
Training for Chemical  
Laboratory Assistants“**

*Leonardo da Vinci Partnership  
Part of the European Commission's  
Lifelong Learning Programme*



**Programm für lebenslanges Lernen**