
A photograph of a laboratory environment. In the foreground, a pair of clear safety glasses with black temples rests on a white document. Behind the glasses, several glass beakers and containers are visible, some containing white powders and others containing orange granules. The background is slightly blurred, showing more laboratory equipment and a person in a white lab coat. A large, semi-transparent 'G' logo is overlaid on the left side of the image.

Add to your lab

with an intern from Erhvervsakademi
MidtVest

AP degree programme in Chemical and
Biotechnical Science

Erhvervsakademi
MidtVest

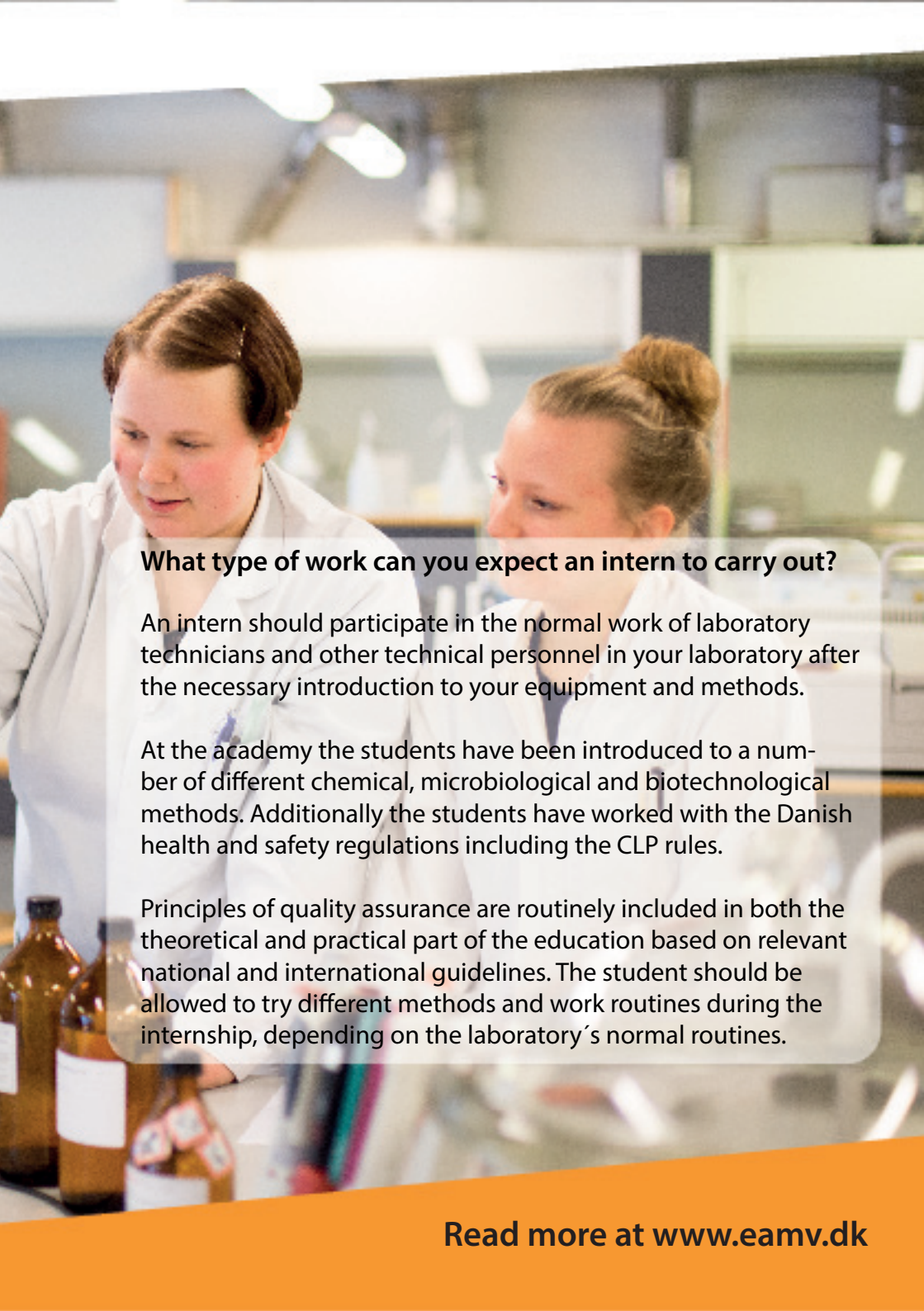


New knowledge and ideas put into practice in your company

With an intern from EAMV, which is an Academy Professional Higher Education, your company gets the opportunity to meet students on the Academy Profession (AP) degree programme in Chemical and Biotechnical Science.

The students have a mandatory internship at 4th and 5th semester. Both students and companies find the internship rewarding, as the students get to test their knowledge and skills in an authentic work environment and the company has the chance of getting new ideas from enthusiastic students into the laboratory.

During their internship the students prepare for their final exam projects based on specific issues from the company. These projects are a good opportunity to look into details at a specific issue from a practical laboratory point of view or to add resources to a project in the development process

A photograph of two female scientists in white lab coats working in a laboratory. They are looking at something off-camera to the left. The background is a blurred laboratory setting with various pieces of equipment and shelves.

What type of work can you expect an intern to carry out?

An intern should participate in the normal work of laboratory technicians and other technical personnel in your laboratory after the necessary introduction to your equipment and methods.


At the academy the students have been introduced to a number of different chemical, microbiological and biotechnological methods. Additionally the students have worked with the Danish health and safety regulations including the CLP rules.

Principles of quality assurance are routinely included in both the theoretical and practical part of the education based on relevant national and international guidelines. The student should be allowed to try different methods and work routines during the internship, depending on the laboratory's normal routines.

What can an intern offer your company?

Training an intern for the specific tasks in your lab will take a little of your time, but in return your lab will receive several both long and short termed benefits:

- You will get a new employee who is highly motivated for participation in your daily laboratory work
- Students often see work procedures from a different perspective and may contribute valuable new ideas and inspiration
- During the final project, your lab will have an opportunity to have the student work on something you have lacked time or resources for
- Your lab contributes to the fulfillment of a student's dream of a future in the world of laboratories

A young woman with blonde hair, wearing a white lab coat, is smiling and looking towards the camera. She is holding a clipboard. In the background, other people in lab coats are working in a laboratory or classroom setting.

Free of charge

When the internship takes place in Denmark, the intern is paid salary in agreement with the industry. When having an internship outside Denmark, your company is not obliged to pay salary, as the interns can receive State Education Grants during their internship. Your company must, however, allocate time and energy to prepare for the internship and to train and supervise the interns.

Read more at www.eamv.dk

The education

The AP Degree Programme in Chemical and Biotechnical Science is a 2.5 years' (5 semesters) full time study that qualifies the students to work with different methods used in chemical, microbiological and biotechnical laboratories. The first three semesters are spent doing theoretical and practical work at the Academy. The fourth and fifth semester consists of an internship with a Danish or foreign company, university or public laboratory. The internship can be completed in Denmark, abroad or a combination of the two, if a company for instance have departments in different countries.

The students have, among others, both theoretical and practical experience in the following:

- Chromatographic methods (HPLC, GC, SPE)
- Microbiological methods (colony counting, detection of pathogens, microscopy and methods for examination of bacteria)
- Biotechnological methods (Different DNA techniques including PCR, Protein chemical methods including enzymatic and immunochemical methods)
- Qualification and validation of analytical laboratory equipment and methods
- Relevant statistical methods
- Safety and environment
- Food analysis (SBR, Soxtec, salt, Kjeldahl and determination of content of water and ash)
- Water analysis (AAS, titration, spectrophotometer (UV/VIS))
- Synthesis (organic and inorganic chemistry)

Schedule for the internship

The internship officially starts February 1st and lasts until January 31st. It is possible, to some extent, to plan the internship so it fits the student's and your company's wishes. Prior to start of the internship, it has to be specified who will be the company's primary contact person during the internship in an internship agreement and a general plan of the tasks included in the internship (primary tasks per week) should be made.

Interested?

We hope you will be interested in helping our AP students in Chemical and Biotechnical Science find good and inspiring internships. Please do not hesitate to contact us if you have further questions. She can be reached on +45 9672 5700 or hso@eamv.dk.

You are welcome to contact Mrs Helle Nielsen, who is a teacher at the AP Degree Programme in Chemical and Biotechnical Science.

For more information about the Danish educational system:

<http://ufm.dk/en/education-and-institutions/higher-education/business-academies-1>

<http://ufm.dk/en/education-and-institutions/the-danish-education-system>

Read more at www.eamv.dk

Education programmes at EAMV:

EAMV offers a variety of academy and bachelor programmes. They all have one common feature. Internships in companies are a mandatory part of the programmes.

- Financial Management
- Service Management
- Multimedia Design and Communication
- Computer Science
- Production Technology
- Service Engineering
- Food and Process Technology
- Chemical and Biotechnical Science
- Bachelor in International Sales and Marketing
- Bachelor in Digital Concept Development