

Fact sheet COAST traineeships



Analytical Sciences Talent Program

ASTP traineeships

The three-year ASTP program counts four traineeships:

- **ASTP year 1 – employeeship**
400 hours, all on top of HLO program
- **ASTP year 2 – internship or minor**
1000 hours, of which 200 hours on top of the HLO program and 800 hours regular internship or minor of HLO program
- **ASTP year 3 – internship or minor and graduation**
800 hours, in regular internship or minor of HLO program
- 800 hours, graduation program of HLO program

In order to bring our students in contact with as many aspects of the analytical industry as possible, these traineeships must be conducted in **at least two** different companies.

What is a COAST company?

Companies or knowledge institutes that are a participant of COAST are considered 'COAST companies'. Consequently, companies that are not a participant of COAST are 'non-COAST companies'.

Participating Companies

Traineeships are, for example, offered by:

- AkzoNobel
- BiosparQ
- Corbion
- Da Vinci Laboratory Solutions
- Deltares
- DSM
- Hexion
- KWR
- Metrohm-Applikon
- Omics2Image
- PANalytical
- Philips Innovation Services
- Rikilt
- Rijksdienst voor het Cultureel Erfgoed
- Shell
- Shimadzu
- SoilCares
- Sonneborn
- Spinnovation
- Syngenta
- Teijin Aramid
- TNO
- Unilever
- Waterproef

An overview of all companies participating in COAST can be found on our website:
www.ti-coast.com

About ASTP

The Analytical Sciences Talent Program is developed in a partnership between **HAN University of Applied Sciences** and **COAST**.

ASTP invests in ambitious and talented students. This program is developed for students of all Institutes/Universities for Applied Science (in Dutch: Hogere Laboratorium Opleidingen; HLO) in the Netherlands. The Analytical Sciences Talent Program is part of the Topsector Chemistry grant program.

A Talent Program --- why

The quality of students who finish their bachelor studies in applied sciences is good, but the industry is in need of students who are 'even better'. ASTP wants to increase the interaction of students with innovative industries. The industry needs **outstanding professionals** in order to be able to make the transfer from state-of-the-art analytical science to state-of-the-art applications in business.

ASTP provides a program in which students are exposed to the industrial environment during their regular education. During three years, the students will interact intensively with leading companies and research institutes that form COAST. They will have the opportunity to work in the most advanced laboratories and to participate in innovative **research**. They will attend lectures presented by **leading experts** from academia and industry.

The ASTP gives them intensive exposure to the best current practices and the latest technologies. Therefore, ASTP gives students outstanding career prospects.

The possibility to qualify for ASTP is only offered to students who have positively identified themselves by excellent results and ambition. All students who apply for ASTP are subject to an assessment by representatives of ASTP and the industry.

ASTP: extra knowledge and extra training

The educational rationale behind ASTP is the combination of **extra knowledge acquisition** and **extra working experience** in innovative (analytical) industries. This combination provides our students with valuable additional training, thus expanding their view on the world of analytical science and boosting their professional career.

Extra knowledge is gained in the course program, which is taught on Saturdays and in summer courses. The ASTP courses amount to approximately 300 hours (homework not included) in three years.

Working experience is provided by 3000 hours of traineeships in leading companies and knowledge institutes, all members of COAST. ASTP students spend approximately 600 hours extra on traineeships, compared with regular vocational bachelor ("hlo") students.

Participating Schools

ASTP is accessible for students of all HLO's in The Netherlands. Our current students come from:

- Avans Hogeschool
- Fontys Hogeschool
- Hogeschool van Arnhem en Nijmegen
- Hogeschool InHolland
- Hogeschool Leiden
- Hogeschool Rotterdam
- Hogeschool Utrecht
- Hogeschool Zeeland

Procedure

In order to ensure efficiency of the process ASTP students must:

- inform the company offering the work placement about the duration required and costs involved;
- notify the program coordinators immediately about any (expected) irregularities/deviations.

ASTP definitions

- **Grant** = Monthly payment plus Bonus (lump-sum)
- **Traineeship** = employeeship (400 hour) or internship
- **COAST Company** = company or knowledge institute that is a COAST participant. Information about the status of participation of a company or knowledge institute in COAST can be obtained from the Program coordinator.
- **HLO** = regular vocational bachelor or university of applied sciences

Contacts

Program coordinators:

Esther van der Linden and
Lola van der Wal
astp@han.nl



COAST is the public-private partnership in Analytical Sciences in the Netherlands

COAST has an integrated strategic agenda on R&D, Education and Infrastructure

www.ti-coast.com/astp

Companies participating in COAST invest in the talent program through their membership contributions, provision of lectures from experts in the field and supervision of students during their traineeships. Moreover, because they recognize the value of ASTP-students, they are as a rule willing to pay a higher contribution for ASTP students than for regular interns. The greater part of this amount is used to pay the ASTP students' grants. The remainder is used to partly cover the cost of the coordination of the talent program.

ASTP grant

The Analytical Sciences Talent Program is part of the COAST education program. All ASTP students get a grant. The amount of the grants increases during the ASTP program: the longer students participate in ASTP, the more experience and value they can contribute to companies. The grant students receive is divided in a monthly payment and a bonus.

Benefits for companies

Companies who participate in the Analytical Sciences Talent Program have the chance to work with the best bachelor students in Applied Sciences and Analytical Science in The Netherlands. This is an obvious advantage during internships and gives companies the opportunity to present themselves to our students as innovative and valuable companies who offer great careers for ambitious analytical chemists.

Costs of ASTP traineeships

ASTP-1 student: 400 hours €2000,- (ex. VAT)

ASTP-2 student: 1000 hours €5000,- (ex. VAT)

ASTP-3 student: 800 hours €5600,- (ex. VAT)

Companies offering internships (work placements) should pay the specified ASTP fees to the organization.

Meet our students

On our website, you can meet our students and gather more information about their interests. Have a preview at: www.ti-coast.com/astp.

Each year a maximum of twenty-five new talents will start ASTP and will be looking for internships.

More information

Go to our website www.ti-coast.com for more information on

- Training for professionals (Life Long Learning – L3)
- Research and Development
- Education
- Infrastructure

IMPORTANT NOTICE

ASTP is entitled to deviate from these rules and examples at its sole discretion.