SPECIALIZATION FORENSIC CHEMISTRY
EXCHANGE PROGRAMME

In the specialization in Forensic Chemistry you will focus on the use of instrumental analysis to identify and characterise pieces of evidence. Skills ranging from sample collection and presumptive testing to confirmative tests are being developed, optimized and applied. Other subjects include statistics and toxicology.

THE PROGRAMME

The exchange programme includes the courses 'Forensic Chemistry', 'Chemical profiling', 'Mass Spectrometry' and 'Advanced Forensic Toxicology'. Hand-on laboratory training is provided in Mass Spectrometry and a training session will be held on the application of statistics in forensic chemistry.

PROJECTS

In addition to the courses and training sessions, you will carry out a research project. The projects are carried out in small groups of students to stimulate exchange of ideas and co-operation. Once you have carried out literature research and produced a practical project proposal, you will spend at least ten full working days in the laboratory (twenty 4-hour time blocks). Examples of research subjects in the past years are: Metal and organic traces in gun-shot residues, waste dumpings of illicit drug laboratories, colorants in accelerants, dating of blood stains, amongst others.

ADMISSION

To qualify for admission to this specialization you have completed a minimum of 2 years of university study in Forensic Science, Biology of Chemistry. A high standard of practical laboratory skills and basic knowledge of organic and analytical chemistry are highly recommended. If you want to improve your laboratory skills, the minor in International Forensics, which includes a basic lab skills programme, is recommended prior to this minor.

ECTS

The total exchange programme is worth 30 ECTS credits, equivalent to a study load of 30 times 28 study hours, in 20 calendar weeks. The specialization is part of the major 'Forensic Laboratory

Investigation', which is part of the 'Chemistry' study programme at the Avans School of Life Sciences and Environmental Technology in Breda, the Netherlands.

START

February

LEVEL

Bachelor

DURATION

One semester

TUITION FEES

(Erasmus) exchange students

As an exchange student you do not need to pay tuition fees to Avans University of Applied Sciences, but you will continue to pay tuition fees to your home institution.

Other students

If your university is not a partner of Avans University of Applied Sciences, you can come as a full paying student. For more details contact the Avans International Office on +31 88 525 80 01 or at internationaloffice@avans.nl.

LOCATION

Breda, the Netherlands.

APPLY

If your university is an exchange partner of Avans University of Applied Sciences you can apply for a study semester at the International Office of your own university. The International Office at your university will know if there is an agreement in place with Avans. Once you have been nominated for this programme by your university you can register for it online at avans.nl.

CONTACT

If you are interested in this study programme and want more information, contact our Exchange Office:
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or our International Office:
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