

## L3 Course Overview - Professional BSc level

### Target audience

These courses are taught in the framework of the ASTP program for talents in Vocational Bachelor education (HLO). Therefore, these courses are well fit for employees at that level.

### Lecturer(s)

Courses are taught by leading professors and experts from industry.

### Courses

<b>ASTP-1 (HLO-2)</b>			
Summer course Industries that need Analytical Sciences	Various	20-24 August 2018	HAN Nijmegen
Mass Spectrometry	Rob van der Heijden	15 September and 6 October 2018	HAN Nijmegen
Liquid Chromatography	Peter Schoenmakers	17 November 2018	HAN Nijmegen
Gas Chromatography	Jan Blomberg	15 December 2018	HAN Nijmegen
Nuclear Magnetic Resonance Spectroscopy	Arno Kentgens e.a.	19 January and 9 February 2019	HAN Nijmegen
Infrared and Raman Spectroscopy	Freek Ariese	9 March 2019	HAN Nijmegen
Capillary Electrophoresis	Govert Somsen	13 April 2019	HAN Nijmegen
<b>ASTP-2 (HLO-3)</b>			
Summer course Chromatography and Hyphenation	Peter Schoenmakers e.a.	20-24 August 2018	HAN Nijmegen
X-Ray Fluorescence	Wil Grim	15 September 2018	HAN Nijmegen
Scientific writing	Ton Ammerlaan	17 November 2018	HAN Nijmegen
Gas Chromatography	Jan Blomberg	15 December 2018	HAN Nijmegen
Biosensing and Diagnostics	Michel Nielen e.a.	19 January 2019	HAN Nijmegen
High-Resolution Microscopy of Polymers	Joachim Loos	9 March 2019	HAN Nijmegen
Tentative: Lab-on-a-Chip Principles and Applications	Sabeth Verpoorte, Han Gardeniers	13 April 2019	HAN Nijmegen

## ASTP-3 (HLO-4)

Summer course Chromatography and Hyphenation	Peter Schoenmakers e.a.	20-24 August 2018	HAN Nijmegen
Lean Six Sigma	Hein van der Hagen	15 September 2018	HAN Nijmegen
Thermal Analysis	Robert Voeten	6 October 2018	HAN Nijmegen
Protein Analysis	David Falck and Guinevere Kammeijer	17 November 2018	LUMC Leiden
Tentative: Entrepreneurship and Scrum	Jan van Beek	15 December 2018	HAN Nijmegen
Water - Sewage Epidemiology	Annemieke Kolkman	19 January 2019	University of Amsterdam
Polymer Analysis	Marko Nieuwenhuizen	9 February 2019	
High-Resolution Microscopy of Polymers	Joachim Loos	9 March 2019	HAN Nijmegen
Process Analysis	Henk-Jan van Manen	13 April 2019	HAN Nijmegen

In August 2019, the summer course Chemometrics will take place at RU Nijmegen, instead of Chromatography and Hyphenated techniques.

## Extra Information

These courses are part of the Saturday's and Summer Course program of ASTP and are taught every year.

Course fees:

- €800 (ex. BTW/VAT) per day
- COAST members pay a reduced fee of €400 per day (ex. BTW/VAT) or use a wildcard
- ASTP / MSc+ students: Free

Special fees can be offered to PhD students and companies registering for three or more persons.

For up-to-date information about the course program visit our website at [www.ti-coast.com/L3](http://www.ti-coast.com/L3).

Please contact us for more information, see footer.

