

- Faculté des sciences
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### Natural substance analysis (3BL2196)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en biologie</b>	<b>Cours: 7 dj</b>	Voir ci-dessous	3

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

#### Période d'enseignement:

- Semestre Automne

#### Equipe enseignante

Stephan von Reuss, Ted Turlings together with Gregory Roeder, and their assistants

#### Contenu

Introduction to natural products chemistry - Standard isolation techniques for natural products - Selected analytical methods including: chromatography (GC, TLC, HPLC), UV-Vis spectrophotometry, Infrared spectroscopy (IR), Mass spectrometry (MS), and Nuclear Magnetic Resonance spectroscopy (NMR).

#### Forme de l'évaluation

Continuous assesment graded.

At the end of both sections a short written evaluation will be organized. The final grade will be the average from both these tests.

In case of insufficient grade, a reexamination must be registered at one exam session same year and coordinated with professor (note in Pidex).

#### Documentation

<https://moodle.unine.ch/>  
Registration compulsory

#### Pré-requis

University introductory courses on general chemistry, organic chemistry, and analytical chemistry.

#### Forme de l'enseignement

Lectures and selected reading,  
Laboratory sessions.

URLs	1) <a href="https://moodle.unine.ch/">https://moodle.unine.ch/</a>
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