

- Faculté des sciences
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## Natural substances analyses (3BL2196)

| Filières concernées       | Nombre d'heures    | Validation                 | Crédits ECTS |
|---------------------------|--------------------|----------------------------|--------------|
| <b>Master en biologie</b> | <b>Cours: 7 dj</b> | <b>contrôle continu: 1</b> | 3            |

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

### Période d'enseignement:

- Semestre Automne

### Equipe enseignante:

Reinhard Neier

### Objectifs:

Basic structures of the important classes of natural products  
 Methods for isolation and purification  
 Major type of transformation used in biosynthesis and metabolism  
 Structure property relationship  
 Interpretation of structural peculiarities

### Contenu:

History of Natural products chemistry  
 Goals of Natural products chemistry  
 Difference between primary and secondary métabolites  
 Important classes of natural products  
 Biosynthesis of the important classes of natural products  
 Biological function of selected natural products

### Forme de l'évaluation:

Examen écrit

### Documentation:

<https://claroline.unine.ch/>

### Pré-requis:

University introductory course on general chemistry  
 University introductory course on organic chemistry  
 University introductory course on analytical chemistry

### Forme de l'enseignement:

Lectures and selected reading  
 Laboratory sessions

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