

Metabolomics

2022-2023

Term

Spring semester:

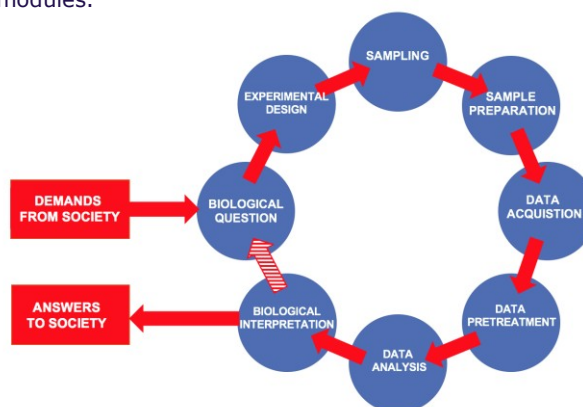
February 2023 – July 2023

General information

This minor is open to students in the third year or higher of the bachelor phase of a chemistry, biomedical, bio-informatics or related study. A good background in (bio-) chemistry is desired. The minor is taught in English and has a study load of 30 ECTS.

Metabolomics

The minor is set up according to the 'metabolomics workflow' and consists of four modules.



Mission

To deliver enthusiastic, skilled students who have metabolomics as their specialty and who are ready to take on a metabolomics-oriented job or master track.

Aims

1. To offer the students a modern, up-to-date Minor Metabolomics in which they will be taught all important aspects of metabolomics.
2. To make students enthusiastic about metabolomics so that they recognize the value of this approach for personalized medicine and become motivated to contribute

Learning goals

1. Understand and recognise the relevance of metabolomics research for society
2. Know and understand the basic concepts and workflow of metabolomics
3. Understand and apply (some of the) most important technologies that are used in metabolomics
4. Know how to generate and report metabolomics data
5. Know how to carry out metabolomics research

Courses

The following courses are included in the program:

- Introduction to metabolomics (2 EC)
- Analytical Metabolomics Technology (7 EC)
- Generating and reporting metabolomics data (6 EC)
- Metabolomics in Practice (15 EC)

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Leiden

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Entry requirements / level

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Results of minor Metabolomics

After successfully following and concluding the minor, students will be ready for a job in a metabolomics laboratory. The student will see the value of metabolomics, know how to carry out metabolomics and be capable of actively contributing to all aspects of metabolomics research. On top of this, the student has an excellent perspective to enter the master Systems Pharmacology of the study BioPharmaceutical Sciences of Leiden University.

Application form

Interested? Please fill in the required application form, which can be downloaded from our website: <http://www.hsleiden.nl/english>

Application deadline

15 November 2022

Tuition fees

There are no tuition fees required for students from partner institutions.

Accommodation

Our university does not have its own student accommodation. A local student housing corporation offers temporary, furnished rooms and apartments to international students. You can find more information about accommodation on our website.

Contact

If you have questions about the content and/or the organization of the minor please contact Peter Lindenburg, PhD
E-mail: Lindenburg.p@hsleiden.nl
Phone: + 31 6 25709791

For information about the application procedure and/or accommodation please contact Annemiek Ravenhorst
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