

## Where

The Laboratory Modules may be carried out

- in research groups of the Faculty of Mathematics and Natural Sciences of the University of Cologne (UoC) or in research groups of the Center for Biochemistry of the Medical Faculty, where the PI has the right to administer exams in accord with the regulations of the Faculty of Mathematics and Natural Sciences of the UoC;
- in research groups of associated research institutions (e.g. CECAD, Max-Planck Institutes);
- at other universities, research institutions, or companies in Germany or abroad. If the module is carried out at another university, the student has to clarify whether he/she has to be enrolled in a suitable curriculum at the host university in order to acquire credit points. This has to be settled in advance with the Office of Examination of the Department of Chemistry and the corresponding Office of Examination of the host university.

## NOTE

- a student may not take both laboratory modules in one research group
- **requirement:** successful completion of at least one Biochemical Subject Module

## Assessment procedure (modified 16.5.2018)

Both examination parts (i.e. written report and oral presentation) will be evaluated by the chosen supervisor. Please note: If the lab module is carried out at another institution than the University of Cologne, the grading has to be done according to the internal assessment grid.

*Supervisors find a guideline for the assessment of the laboratory module on the homepage:*  
<http://www.bc.uni-koeln.de/16219.html>

In case of questions or problems the Chairman of the Examination Board will nominate an internal supervising tutor in consultation with the student.

## How

Find a checklist with the individual (formal) steps on the next page.

The content of the module is defined in the module description. The student should deal with a defined scientific question within the framework of the laboratory module. The topic may be freely selected as long as it is within the field of research and development in the molecular life sciences.

## The general time-schedule of a laboratory module is as follows:

1 week before starting date: Submission of Application Form

Week 1-9: Lab work

Week 10-12: Preparation of the oral presentation and the written report

Week 13-14: Oral presentation and submission of written report to supervisor

A successfully completed laboratory module, i.e. with an overall mark of better than 4.0, is rewarded with 18 credit points.

In case of questions, please contact:

Head of the M.Sc. Biochemistry Degree committee:

Prof. Jan Riemer, phone: 0221-470-7306, email: [jan.riemer@uni-koeln.de](mailto:jan.riemer@uni-koeln.de)

## Master of Science Biochemistry - Laboratory Modules (MN-BC-LM1/2)

What to know and what to do

as at January 01<sup>st</sup> 2020

### Checklist

	Who	What
1	Student	Find research group, where you want to execute your lab module
2	Student & Supervisor  <i>=&gt; see Form MN-BC-LM_1: Part 1 – Application</i>	- Define topic of lab module and write proposal (1 page) - Fill out and sign the application form together with your supervisor
4	Student	Hand in Proposal and Application form <i>=&gt; to the Office of Examinations <u>at least one week before beginning of the laboratory module.</u></i>
5	Chairman, M.Sc. Biochemistry Committee	<b>Approval</b>
6	Student (week 1-9)	<b>Practical work in the laboratory</b>
7	Student (week 10-12)	<b>Preparation of the oral presentation and the seminar paper</b> (report of about 10 pages in the form of a scientific dissertation)
8	Student (week 13-14)  Supervisor: Documentation of Oral Presentation and discussion and Grading <i>=&gt; see Form MN-BC-LM Part 2: Oral presentation</i>	<b>Oral presentation</b> (20 minutes) and discussion (10-30 min) of the results of the laboratory module in the research group where the lab module takes place.
9	Supervisor  <i>=&gt; see Form MN-BC-LM Part 3: Approval</i>	Approval and evaluation of the written report.
10	Student or Supervisor	<i>=&gt; Hand in the completed Forms Part 2 and 3 to the Office of Examinations =&gt; Send a pdf-copy of your report to the Office of Examinations.</i>

Master's Office of Examinations:

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