| Module Name Laboratory module |   |  |                  |                                  |                   |               |  |          |        |    |
|-------------------------------|---|--|------------------|----------------------------------|-------------------|---------------|--|----------|--------|----|
| Type of Module                |   |  |                  |                                  | Module Code       |               |  |          |        |    |
| Advanced Module               |   |  |                  |                                  | Laboratory Module |               |  |          |        |    |
| Identification<br>Number      |   | Workload   | Credit<br>Points | Term                             |                   | Offered Every |  | Start    | Durati | on |
| MN-B-SM (LM)                  |   | 360 h  | 12 CP            | 2 <sup>nd</sup> term of studying |                   | Every term    |  | Any time | 7 week | ks |
| 1                             | Course Types C  |  | Contact Time     |                                  |                   | Private Study |  |          |        |    |
|                               |   | tive Tutorials, Project<br>nd Seminars   |                  | approx. 180 h                    |                   | approx. 180 h |  |          |        |    |
| 2                             | Module Objectives and Skills to be Acquired   |  |                  |                                  |                   |               |  |          |        |    |
|                               | Students who successfully completed this module   |  |                  |                                  |                   |               |  |          |        |    |
|                               | <ul> <li>have learned to do scientific work in a specific field of a given research group.</li> </ul>   |  |                  |                                  |                   |               |  |          |        |    |
|                               | <ul> <li>have understood how to plan and conduct a small scientific project.</li> </ul>   |  |                  |                                  |                   |               |  |          |        |    |
|                               | •   | <ul> <li>have gained experience in following the presentation of scientific material by others in the frame of the seminar programme of a research group.</li> </ul>   |                  |                                  |                   |               |  |          |        |    |
|                               | •   | have learned how to present research results in oral and written form and to critically discuss scientific publications.   |                  |                                  |                   |               |  |          |        |    |
| 3                             | Module Content  |  |                  |                                  |                   |               |  |          |        |    |
|                               | •   | The detailed content of the Laboratory Module is proposed by the supervising tutor on an individual basis in agreement with the student. The content requires approval by the Master of Science Degree Committee of the Department of Biology. A Laboratory Module may be supervised by any member of staff qualified under the University Regulation § 65 HG. |                  |                                  |                   |               |  |          |        |    |
| 4                             | Teaching Methods  |  |                  |                                  |                   |               |  |          |        |    |
|                               | •   | <ul> <li>Interactive tutorials; Practical/Lab (Project work); Seminar; Guidance to independent research;</li> <li>Training on presentation techniques in oral and written form</li> </ul>  |                  |                                  |                   |               |  |          |        |    |
| 5                             | Prerequisites (for the Module)  |  |                  |                                  |                   |               |  |          |        |    |
|                               | Enrolment in one of the Master's of Science degree courses of the Department of Biology; Registration of the module at the Master of Science Degree Committee of the Department of Biology before starting the module |  |                  |                                  |                   |               |  |          |        |    |
| 6                             | Type of Examination  The final examination consists of two parts: Oral examination (20-30 min; 50 % of the total module ma written report (50 % of the total module mark)   |  |                  |                                  |                   |               |  |          |        |    |
|                               |   |  |                  |                                  |                   |               |  |          | ark),  |    |
| 7                             | Credits   | Credits Awarded  |                  |                                  |                   |               |  |          |        |    |
|                               | Regular and active participation; Each examination part at least "sufficient" (see appendix of the examination regulations for details)   |  |                  |                                  |                   |               |  |          |        |    |
| 8                             | Compatibility with other Curricula  |  |                  |                                  |                   |               |  |          |        |    |
|                               | None  |  |                  |                                  |                   |               |  |          |        |    |

## Laboratory module (MN-B-SM [LM]) continued

| 9  | Proportion of Final Grade   |  |  |  |  |  |  |
|----|---|--|--|--|--|--|--|
|    | 12.0 %  |  |  |  |  |  |  |
| 10 | Module Coordinator  |  |  |  |  |  |  |
|    | Chairperson of the Master of Science Degree Committee of the Department of Biology  |  |  |  |  |  |  |
| 11 | Further Information   |  |  |  |  |  |  |
|    | <b>Note:</b> A student may do no more than two modules within the same research group. This applies to Laboratory Module (MN-B-SM [LM]), Elective Module (MN-B-EM) and Project Modules (MN-B-PM). |  |  |  |  |  |  |
|    | Introduction / Examination dates: The dates of the introduction to the module and of the examinations will be arranged in agreement between the student and the supervising tutor.                |  |  |  |  |  |  |