

<i>Introductory Project I</i>					
Identification number	Workload	Credits	Term of studying	Frequency of occurrence	Duration
MN-P-ProI	360 h	12 CP	3 <sup>rd</sup> Semester	continually	3 months
1	<b>Type of lessons</b> Lab work Oral presentation	<b>Contact times</b> 20 h 1 h	<b>Self-study times</b> 315 h 24 h	<b>Intended group size</b> Individual counseling	
2	<b>Aims of the module and acquired skills</b> Orientation and practice in an extensive research subject of modern physics and presentation of scientific results.				
3	<b>Contents of the module</b> Both introductory projects I and II provide a basis for the Master thesis and should have a topical cohesion with the latter. As a general rule, the topic of the introductory projects and the Master thesis cover an extensive research subject in the area of specialization selected by the student.				
4	<b>Teaching/Learning methods</b> In the introductory projects, the self-study based on books and current scientific publications plays an important role. The students work individually on a problem of current research. In discussions with their supervisor and fellow students, they learn to solve challenging problems in a team and to present their approaches and results. During their research and by preparing and presenting the master thesis, they become acquainted with scientific methods and learn to communicate an advanced topic in a pedagogical way.  As a general rule, the topic of the second introductory project and the master thesis will be determined by the choice of topic and advisor for the introductory project I. The introductory project I lasts approximately ca. three months. The topic and the tasks shall be defined in such a way that the project can be terminated within this period of time. An oral report is required for the completion of the introductory project I.				
5	<b>Requirements for participation</b> Successful participation in all courses of the first year of the Master program. Sufficient knowledge in the field of specialization of the Master course.				
6	<b>Type of module examinations</b> The introductory project is finished by the student giving a seminar talk and is graded as passed or failed.				
7	<b>Requisites for the allocation of credits</b> The introductory project is finished by the student giving a seminar talk and is graded as passed or failed.				
8	<b>Compatibility with other Curricula</b> None				
9	<b>Significance of the module mark for the overall grade</b> None				
10	<b>Module coordinator</b> The chairman of the examination board				

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**Additional information**

This module can be started any time after consultation with the advisor of the project.

The grading document has to be picked up by the student at the examination office before the seminar talk and filled after the seminar talk by the supervisor.

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