

Master's assignment Double master programme AP &

Assessment form (Can b	e filled in digital)	
Name student:	Si	udent number:
Research group:	P	resentation date:
Thesis title:		
Grades	The report has been ch	ecked for plagiarism by the student.
General aspects The judicium cum laude is de whether the programme was	Scientific aspects ermined on a programme-by-progran completed cum laude.	Final grade Time basis. If applicable, please tick
Cum laude M-AP	m laude M-	

Course code(s) Master's assignment double programme

How to use this form

On page 4 you find the general information and course information. On page 5 you find the assessment plan. Please read this before the assessment.

On page 2 and 3 you will find the tables in which you indicate the strengths and/or the points for improvement for each subject. Subsequently fill in the two grades and the final average grade on page 1. And if applicable, that the master's degree is awarded with "cum laude".

After filling in the form, it has to be signed by the members of the master's assignment committee. When digitally signed, after each digital signature the form will be saved. After that, the next one can sign. Make or save a copy for the student and the research chair and send the assessment form to the office of Education Affairs: BOZ-AP, Citadel H424, <u>BOZ-AP@utwente.nl</u>

Master's assignment committee

	Titles and name	Affiliation	Signature ¹
Chair			
Daily supervisor			
Reference member ²²			
External advisor			
Member (optional)			
Member (optional			

¹ See: <u>How to Create a digital signature</u>

² A member of a chair in the discipline Applied Physics other than the research department in which the final project is carried out.



Scientifical aspects of assessment

Comments and feedback

Research plan and positioning	Strong points
	Points for improvement
Theoretical and experimental skills	Strong points
	Points for improvement
Analysing skills	Strong points
	Points for improvement
Scientific approach & handling of complexity	Strong points
	Points for improvement
Integration Physics Aspects and other MSc discipline	Strong points
	Points for improvement
Reflective capabilities	Strong points
	Points for improvement



General aspects of assessment

Comments and feedback

Reporting	Strong points
	Points for improvement
Oral presentation & discussion	Strong points
	Points for improvement
Professional research attitude	Strong points
	Points for improvement
Professional communication	Strong points
	Points for improvement
Arrangement of own work within conditions of research group	Strong points
	Points for improvement

Master assignment committee

The composition of the master's assignment committee (MAC) ³ must comply to the regulations of both master's programmes.

The Applied Physics requirements for the composition of the committee are specified in the <u>Rules of</u> <u>the Board of Examiners TN AP</u>. The requirements for the other master's programme can be requested from the programme staff of the other master's programme.

Determining of the grades

In the assessment of the MSc assignment, three grades will be determined:

- **The scientific aspects grade**: covers the quality of the disciplines specific, scientific and the research performance,
- **The general aspects grade**: covers the other objectives, concerning the oral and written reporting as well as other general aspects of the research.
- **The final grade:** the final grade is the average of the scientific aspects grade and the general aspects grade. Whereby both grades must be at least a 6.

Applied Physics Master assignment objectives and contents

The contents and the learning goals/aims of the Applied Physics Master's assignment are described in the <u>Osiris Course catalogue information</u>. The specific contents and the learning goals of the other master's programme assignment can also be found in the <u>Osiris course catalogue</u> or can be requested from the programme staff of the other programme.

Plagiarism check

As part of the academic responsibility, the AP student should self-assess the assignment report for plagiarism. For this, the student can upload the report in a on the Canvas website of the AP master assignment.

Assessment plan scientific aspects

Learning Objectives After successful completion of the master's assignment, the student is able to perform a scientific research project in the disciplines of Applied physics and the other programme's discipline at a master's degree level. The student;	Assessment type	weight
• is able to formulate an interpretation a research problem and to define the research goals. And is able to define the theoretical and experimental research plan and position the research in the field.	Meeting MAC Report & presentation	~10%
• has the theoretical and experimental skills to execute the research, works systematically and makes well founded choices. Is able to recognize flaws in theory and has the skills to acquire missing parts.	Observation by supervisor Report & Presentation	~30%
 is able to analyse the results, draw conclusions and to reflect on the results with respect to the problem definition and research goals. 	by supervisor Report & Presentation	~30%
 has a scientific approach and possesses intellectual skills (can handle complexity) 	by supervisor Report & Presentation	~20%
• is able to reflect on the contextual aspects of the research (social context, safety and environmental consequences, scientific and ethical aspects)	Report, meeting MAC	~10%

³ Other master programmes can use other names for the master's assignment and the assessment committee.



Assessment plan general aspects

Learning Objectives After successful completion of the master's assignment, the student is able to perform a scientific research project in the disciplines of Applied physics and the other programme's discipline at a master's degree level. The student;	Assessment type	weight
 is able to report adequately about the research in English. (Report is well structured in clear and correct language.) 	Report	~10%
 is able to present and to discuss adequately about the research in English (Presentation is well structured, with a clear explanation, supported by tools.) 	Presentation	~30%
 is able to work with a high degree of independence, creativity, dedication, pace, commitment (The student himself is responsible for the progress, planning and consultation of his supervisors.) 	Observation by supervisor and MAC members	~30%
 is able to communicate professionally with the supervisor (problem owner), to co-operate with the members of the research group and to communicate with others from inside and outside the community of both disciplines. 	Observation by supervisor and MAC members	~20%
 is able to arrange his research within the conditions set by the group. 	Observation by supervisor	~10%