

PHY-M-VE 05

Effective WS 2011/2012 / Please also see remarks in item 13.

1. Module title:	History of Science as Complementary Subject
2. Field / responsibility of:	Prof. Dr. Christoph Meinel, Faculty of Philosophy, Art History, History, and Humanities
3. Module contents:	See module catalog for "Master of Arts" degree courses. For master's students of other subjects, the Faculty of Philosophy, Art History, History, and Humanities offers the elective module History of Science WIG- M30 (21 CPs). This elective module will teach an exemplary overview of two great eras of science history and provide an introduction to topics and research positions in modern science history.
4. Qualification objectives of the module / competencies to be acquired:	The goal of this module is to equip students from other master programs (especially from the natural sciences) with the ability to reflect on their own discipline, on science as an institution and on their own actions as scientists in historically and methodologically well-founded ways.
5. Prerequisites for participation:	
a) Recommended knowledge:	English (good reading skills)
b) Prerequisite courses:	None
6. Module can be used for:	M.Sc. in Physics
7. Module is offered:	WS, SS
8. Module can be completed in:	2 semesters
9. Recommended semester of study:	1 to 3
10. Overall module workload / number of credit points:	Workload: Total number of hours: 480 Allocation: 1. Attendance: 10 credit hours 2. Independent study (including exam preparation/ exam): 330 hours Credit points: 16
The successful completion of all assignments listed in items 11 and 12 is a prerequisite for receiving the credit points mentioned in item 10.	

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11. Module components:					
No.	Req./req. elective	Form of teaching	Subject area/topic	Credit hours	Coursework
WIG-M 30.1	Compulsory	Lecture	Lecture History of Science I	2	
WIG-M 30.2	Compulsory	Lecture	Lecture History of Science II	2	
WIG-M 30.3	Compulsory	Tutorial to lecture I or II		2	
WIG-M 30.4	Compulsory	Seminar	Seminar/Practical course	2	
WIG-M 30.5	Compulsory	Seminar	Advanced seminar	2	
12. Module exam:					
No.	Competence / topic	Type of exam	Duration	Time / notes	Weighting of module grade
WIG-M 30.1	Lecture History of Science I	Written exam	60 minutes	End of semester	Will not be part of the module grade
WIG-M 30.2	Lecture History of Science II	Written exam	60 minutes	End of semester	Will not be part of the module grade
WIG-M 30.3	Tutorial to lecture I or II			2 essays, by the end of the semester	1/3
WIG-M 30.5	Advanced seminar	Paper		By the end of the semester	1/3
WIG-M 30.4	Seminar/practical course	Paper		By the end of the semester	1/3
13. Notes:					
<p>Students who have completed a portion of the lecture series with its corresponding tutorial as part of the bachelor modules PHY-B-WE 05 or WIG-M01/WIG-M02 shall instead in the master's degree program participate in additional science history courses with at least the same amount of credit points. All required examinations as well as the overall grade will be given by the Faculty of Philosophy, Art History, History, and Humanities. The Faculty of Physics recognizes 16 CPs for the complementary subject History of Science. The lectures can be taken in any order, but it is required to participate in two different lectures.</p>					