

<b>Module title</b>		<b>Abbreviation</b>
FOKUS Research Module Experimental Particle Physics		11-FM-TPE-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
chairperson of examination committee		Faculty of Physics and Astronomy
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
8	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	11-KET; recommended: 11-DTS, 11-TPS
<b>Contents</b>		
Specific and advanced knowledge of independent scientific work in a current research area, especially in the discipline of Experimental Particle Physics, reproduction of knowledge, acquisition of social and methodological competencies. Application of the acquired professional knowledge and methods to new scientific questions.		
<b>Intended learning outcomes</b>		
The students have special and advanced knowledge of independent scientific work in a current research area, especially in the field of Experimental Particle Physics, and are able to reproduce the acquired knowledge, to apply the acquired methods and to summarise a sub-area of the current research area in an oral presentation.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Experimentelle Teilchenphysik (Experimental Particle Physics): V (2 weekly contact hours) + Ü/P (1 weekly contact hour), German or English, once a year (details to be announced) Kompaktseminar Experimentelle Teilchenphysik (Block Taught Seminar Experimental Particle Physics): S (2 weekly contact hours), German or English, details on availability to be announced (block taught seminar (3 days), usually held during semester break)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
This module has the following assessment components 1. Topics covered in lectures and exercises: written examination (approx. 90 minutes) or talk (approx. 30 minutes) or oral examination of one candidate each or oral examination in groups (approx. 30 minutes) or project report (approx. 8 pages) 2. Seminar: talk (approx. 30 to 45 minutes)  Assessment components 1 and 2 will be offered in German or English. Students must register for assessment components 1 and 2 online (details to be announced). Assessment component 1 will be offered once a year (details to be announced); details on when assessment component 2 will be offered to be announced. To pass this module, students must pass both assessment component 1 and assessment component 2.		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) FOKUS Physics (2010) Master's degree (1 major) FOKUS Physics (2011)		