## Module description

	e title				Abbreviation
Theoretical Elementary Particle Physics					11-TEP-092-m01
Module coordinator				Module offered by	
Managing Director of the Institute of Theoretical Physics and Astrophysics			heoretical Physics	Faculty of Physics and Astronomy	
ECTS	Meth	od of grading	Only after succ. compl. of module(s)		
8	nume	rical grade			
Duration		Module level	Other prerequisites	;	
1 seme	ester	graduate	sessment. The lectu at the beginning of sidered a declaration dents have obtained the course of the se sessment into effect ted to assessment i	trer will inform stude the course. Registrat on of will to seek adn d the qualification for mester, the lecturer t. Students who mee n the current or in th date, students will h	alify for admission to as- ents about the respective details tion for the course will be con- hission to assessment. If stu- or admission to assessment over will put their registration for as- et all prerequisites will be admit- e subsequent semester. For as- ave to obtain the qualification fo
Contents					
tension Intend The stu structu lation	ns of th ed lear udents ure of th method	e standard model. ning outcomes are familiar with the mat e standard model based	hematical methods o d on symmetry princip imple problems and p	f Elementary Particle les and experimenta processes of Elemen	. Quantum chrome dynamics. Ex- e Physics. They understand the al observations. They know calcu- tary Particle Physics. Furthermo- nded theories.
Course	<b>es</b> (type, r	number of weekly contact hours,	language — if other than Ge	rman)	
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8 83



**Referred to in LPO I** (examination regulations for teaching-degree programmes)

## Module appears in

Bachelor' degree (1 major) Physics (2010) Bachelor' degree (1 major) Physics (2012) Bachelor' degree (1 major) Mathematical Physics (2009) Bachelor' degree (1 major) Mathematical Physics (2012) Master's degree (1 major) Mathematics (2012) Master's degree (1 major) Mathematics (2010) Master's degree (1 major) Physics (2010) Master's degree (1 major) Physics (2011) Master's degree (1 major) Mathematical Physics (2012) Master's degree (1 major) FOKUS Physics (2010) Master's degree (1 major) FOKUS Physics (2011) Master's degree (1 major) FOKUS Physics (2011) Master's degree (1 major) Computational Mathematics (2012)

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