

## The recommended study plan (starting in winter semester)

valid from winter semester 2016/17

Semester	1	2	3	4	$\Sigma$
<b>Lab Work</b>	Research Lab (4 ECTS)	Research Lab (4 ECTS)			<b>8</b>
<b>Theory</b>	Advanced Quantum Theory (8 ECTS)				<b>8</b>
<b>Specialisation in Physics<sup>1)</sup></b> (Astronomy, Gravitation- and Quantum Theory, Optics or Solid State Physics/Material Science)	Compulsory Elective Modules	Compulsory Elective Modules			<b>20 - 28</b>
		Advanced Seminar (4 ECTS)			<b>4</b>
<b>Electives<sup>2)</sup></b>	Compulsory Elective Modules	Compulsory Elective Modules			<b>12 - 20</b>
<b>Research Phase</b>			Introduction to Research Methods (15 ECTS)		<b>15</b>
			Master's Project Planning (15 ECTS)	Master's Thesis (30 ECTS)	<b>45</b>
<b>ECTS</b>	<b>32</b>	<b>28</b>	<b>30</b>	<b>30</b>	<b>120</b>

1) At least 20 ECTS (max. 28 ECTS) of the required credits have to be earned in the research field, from which the Master's Thesis topic is selected. Furthermore, the Advanced Seminar (4 ECTS) has to be chosen from this field of research, too.

2) The electives (at least 12 ECTS, max. 20 ECTS) include modules from fields of research, in which the Master's Thesis is NOT written, only.

# The recommended study plan (starting in summer semester)

valid from summer term 2017

Semester	1	2	3	4	$\Sigma$
<b>Lab Work</b>	Research Lab (4 ECTS)	Research Lab (4 ECTS)			<b>8</b>
<b>Theory</b>		Advanced Quantum Theory (8 ECTS)			<b>8</b>
<b>Specialisation in Physics<sup>1)</sup></b> (Astronomy, Gravitation- and Quantum Theory, Optics or Solid State Physics/Material Science)	Compulsory Elective Modules	Compulsory Elective Modules			<b>20 - 28</b>
		Advanced Seminar (4 ECTS)			<b>4</b>
<b>Electives<sup>2)</sup></b>	Compulsory Elective Modules	Compulsory Elective Modules			<b>12 - 20</b>
<b>Research Phase</b>			Introduction to Research Methods (15 ECTS)		<b>15</b>
			Master's Project Planning (15 ECTS)	Master's Thesis (30 ECTS)	<b>45</b>
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