

CODE	SUBJECT	sum	winter sem.				summer sem.				credit form	ECTS
			lect.	classes	labor.		lect.	classes	labor.			
<b>I YEAR 2020/21</b>												
	Classical and celestial mechanics	60	30	30							E	5
	Stellar physics	45	30	15							E	4
	Advanced mathematical methods	75	30	45							E	6
	Electrodynamics and field theory	75	30	45							E	6
	Atomic and molecular physics	60	30	30							E	5
	Module 1 or 2	30				30						3
	General relativity	75					30	45			E	6
	Quantum optics 1	60					30	30			E	5
	Astrophysics laboratory	60							60		Z	5
	Radiative processes in astrophysics	30					30				E	3
	Module 1 or 2	60								60		5
	Monographic lecture	30					30				E	3
	University-wide courses	60	30				30				E	4
		<b>720</b>	<b>180</b>	<b>165</b>		<b>30</b>	<b>150</b>	<b>75</b>	<b>60</b>	<b>60</b>		<b>60</b>
<b>II YEAR 2021/22</b>												
	Condensed matter physics	30	30								E	3
	Diploma proseminar	15				15					Z	2
	Physics laboratory	60			60						Z	5
	Astrohydrodynamics	45	30	15							E	4
	Module 1 or 2	60				60						5
	Diploma seminar	15								15	Z	2
	Large-scale Universe	30					30				E	3
	Master thesis										E	20
	From complex chemistry to new physics	45					45				E	4
	Module 1 or 2	60								60		5
	Monographic lecture	30	30								E	3
	University-wide courses	60	30				30				E	4
		<b>450</b>	<b>120</b>	<b>15</b>	<b>60</b>	<b>75</b>	<b>105</b>			<b>75</b>		<b>60</b>
		<b>1170</b>	<b>300</b>	<b>180</b>	<b>60</b>	<b>105</b>	<b>255</b>	<b>75</b>	<b>60</b>	<b>135</b>		<b>120</b>

<b>Module 1</b>												
	Quantum optics 2	60	30	30							E	5
	Quantum optics laboratory	60			60						Z	5
	Optoelectronics laboratory	60						60			Z	5
	Quantum information	30	30								E	3
	Statistical physics	60	30	30							E	5
	Biophysics	60					30		30		E	5
												<b>28</b>

<b>Module 2</b>												
	Astrophysics	30	30								E	3
	Galaxies: formation and evolution	60					30		30		E	5
	Physics of planetary systems	60					30		30		E	5
	Theoretical astrophysics laboratory	45			45						Z	4
	Interstellar medium	30	30								E	3
	Astrochemistry and astrobiology	30	30								E	3
												<b>23</b>