

**Research Master - M2**  
**Subatomic physics**  
**2026-2027**

Semester 3	Course			
	Code	Title	Credits	Hours
	Common Courses			
	Phys 501	N-Body Problem	3	24
	Phys 502	Non-Equilibrium statistical Physics and Critical Phenomena	3	24
	RMSE 500	Research Methodology and Scientific English	2	24
	Option : Subatomic physics			
	PHTH 500	Gauge theories, abelian and non-abelian	5	40
	PHTH 501	Standard model and beyond standard model	3	24
	PHTH 502	Nuclear Model	3	24
	PHTH 503	Detector Physics	3	24
	PHTH 505	Data analysis and events simulation	3	24
	PHTH 506	Cosmology and Astroparticles	5	40
	<b>Total</b>		<b>30</b>	<b>248</b>

Semester4	Course			
	Code	Title	Credits	Hours
	PHTH 580	<b>Master Thesis</b>	30	
	<b>Total</b>		<b>30</b>	