

Master's degree in Physical and Astrophysical Sciences

Academic Year 2025/26: first semester

First and second year - start 22/9, end 19/12 - building G1 (Dept.)

Time	Monday	Room	Tuesday	Room	Wednesday	Room	Thursday	Room	Friday	Room
8:30 10:00	Relativistic astro.	B	Cosmic rays	B	Exp. met. part. phys.	B	Cosmic rays	B	Exp. met. part. phys.	B
	Thin films env. med.	C	Physics of galaxies	C		C	Physics of galaxies	C	Relativistic astro.	C
	Quantum paradoxes	D		D	Thin films env. med.	D		D		D
	Theo. early universe	F	Atoms, mol., photons	F	Quantum paradoxes	F	Atoms, mol., photons	F		F
		281	Machine learn. for ph.	281	Statistical mechanics	281	Machine learn. for ph.	281	Theo. early universe	281
10:15 11:45	Exp. met. nucl. phys.	B	Ion. rad. detectors	B	Exp. met. nucl. phys.	B	Ion. rad. detectors	B	Phys. radio. Ion beams	B
	Astrophysics	C	Obs. data an. astro.	C	Astrophysics	C	First stars first gal.	C	Obs. data an. astro.	C
	High energy astro.	D	Adv. quantum field th.	D	High energy astro.	D		D	Adv. quantum field th.	D
	Quantum electronics	F	Mol. cell. biophysics	F	Quantum electronics	F	Mol. cell. biophysics	F	Quantum gases	F
	Theoretical physics	281	Quantum field th. I	281	Theoretical physics	281	Quantum field th. I	281	Quantum field th. I	281
12:00 13:30	Phys. radio. Ion beams	B	Nucl. subnucl. phys.	B	High energy physics	B	Nucl. subnucl. phys.	B	High energy physics	B
	Exoplanets prot. discs	C	Solar heliosph. physics	C	Exoplanets prot. discs	C	Solar heliosph. physics	C	First stars first gal.	C
	Elem. quantum gravity	D	Differential topology	D		D	Differential topology	D	Elem. quantum gravity	D
	Elem. matter phys.	F	Found. biophotonics	F	Quantum gases	F	Found. biophotonics	F	Elem. matter phys.	F
	Non-eq. stoch. proc.	281	Th. many-body syst.	281	Dyn. syst. chaos th.	281	Th. many-body syst.	281	Non-eq. stoch. proc.	281
14:30 16:00	<i>Intro. relatività gen.</i>	38	<i>Intro. sistemi compl.</i>	38	<i>Intro. relatività gen.</i>	38	<i>Intro. sistemi compl.</i>	38		
	Radioattività	B	Electronics lab.	B	Radioattività	B	Electronics lab.	B		B
	Plasma physics	C	Tecnologie spaziali	C	Plasma physics	C	Tecnologie spaziali	C		C
	Subnuclear lab.	D	Fisica semicondut.	D		D	Fisica semicondut.	D	Subnuclear lab.	D
	Matter physics lab.	F	Fis. liquidi soft matter	F	Matter physics lab.	F	Fis. liquidi soft matter	F		F
	Dyn. syst. chaos th.	281	Math. met. th. phys.	281			Math. met. th. phys.	281	Statistical mechanics	281
	Storia chimica e fisica	?			Storia chimica e fisica	?				

Note:

- Lectures are supposed to last 90 minutes without interruptions, compulsory breaks of 15 minutes must be allowed among the three blocks of lectures in the morning, an hour before the afternoon block.
- Rooms **B (38)**, **C (3)**, **D (4)**, **F (212)**, **281**, **218** are located at the Department of Physics and Astronomy (building **G1**), rooms **38** and **?** (to be specified later) at the building **G3**.
- Days of closure: December 8 (Monday).
- One half morning in the semester will be devoted to the students' assembly, lectures will not be provided.
- Courses colored with **blue** have an astrophysical theme, **red** is for theoretical physics, **purple** for nuclear or particle physics, **green** for physics of matter. Courses indicated *in italic* are advised as electives for the bachelor's degree.
- The courses *Atomic physics laboratory*, *Solid state physics and photonics laboratory*, *Liquids physics laboratory*, *Laboratory of biophysics and biophotonics* share common lectures and are indicated as *Matter physics laboratory*.
- For courses advised here but activated in other master's degree programs please see the corresponding timetables.