

Tabella insegnamenti A.A. 2025/2026
Corso di laurea in Astrophysics and Cosmology
(LM-58)

N.	Insegnamenti	CFU	anno	sem	SSD	eng	ambito
1	Astrophysical Processes and Plasmas	6	1	1	FIS/05	Y	aff.-int.
2	General Relativity	6	1	1	FIS/02	Y	Ast.Teo.
3	Elective (within group D)	6	1	1	FIS/02	Y	Ast.Teo.
4	Stellar Astrophysics	6	1	1	FIS/05	Y	Ast.Oss.Sper.
5	Physical Cosmology	6	1	2	FIS/05	Y	Ast.Teo.
6	Elective (within Group A)	6	1 / 2	1 / 2			aff.-int.
7	Astrophysics laboratory	12	1	1 / 2	FIS/01 ,05	Y	Ast.Tecn.
8	English language	4	1	2		Y	AAF
9	Elective (within Group B)	6	1 / 2	1 / 2			Ast.Oss.Sper.
10	Elective (within Group C)	6	1 / 2	1 / 2			Ast.Tecn.
11	Elective (free choice)	6	1 / 2	1 / 2			
12	Elective (free choice)	6	1 / 2	1 / 2			
13	Elective (free choice)	6	1 / 2	1 / 2			
14	Thesis project	38	2	2			AAF

Group A (aff.-int.)

1	Theoretical Astrophysics	6	1	2	FIS/05	Y	
2	Astronomical Optics	6	1	2	FIS/05	Y	
3	Stellar Systems Dynamics	6	1	2	FIS/05	Y	
4	Gravitational Waves Compact Stars and Black Holes	6	1	2	FIS/02	Y	
5	Observational Cosmology	6	2	1	FIS/05	Y	
6	Theoretical cosmology	6	2	1	FIS/05	Y	
7	Chemical evolution of the universe	6	2	1	FIS/05	Y	

Group B (Ast.Oss.Sper.)

1	High energy astrophysics	6	1	2	FIS/05	Y	
2	Planets and Exoplanets	6	1	2	FIS/05	Y	
3	Extragalactic Astrophysics	6	1	2	FIS/05	Y	
4	Astronomical Optics	6	1	2	FIS/05	Y	
5	Observational Cosmology	6	2	1	FIS/05	Y	
6	Theoretical Cosmology	6	2	1	FIS/05	Y	
7	Multimessenger and Astroparticle Physics	6	2	1	FIS/01	Y	
8	Experimental Gravitation	6	2	1	FIS/01	Y	
9	Methods of Space Astrophysics	6	2	1	FIS/01	Y	
10	Chemical evolution of the universe	6	2	1	FIS/05	Y	

Group C (Ast.Tecn.)

1	Astronomical Optics	6	1	2	FIS/05	Y	
2	Stellar Systems Dynamics	6	1	2	FIS/05	Y	
3	Computing Methods for Astrophysics	6	2	1	FIS/05	Y	
4	Methods of Space Astrophysics	6	2	1	FIS/01	Y	
5	Experimental Gravitation	6	2	1	FIS/01	Y	

Group D (Ast.Teo.)

1	Topics in quantum mechanics and field theory	6	1	1	FIS/02	Y	
2	Introduction to quantum field theory (mutuato da LM-17)	6	1	1	FIS/02	Y	