

Corso di Laurea Magistrale in Physics
Curriculum: ASTROPHYSICS _ORARIO LEZIONI A.A. 2024/2025
1° ANNO – 2° periodo didattico - (3 marzo 2025 – 14 giugno 2025)

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10	General Relativity Prof. Puglisi Aula EST - Osservatorio		General Relativity Prof. Puglisi Aula F	Astrophysics Prof. Lanzafame – Aula F	Astrophysics Laboratory Prof. Leone Aula EST - Osservatorio
10 - 11	General Relativity Prof. Puglisi Aula EST - Osservatorio	Astroparticle Physics (Proff. Tricomi/Riccobene) Aula F	General Relativity Prof. Puglisi Aula F	Astrophysics Prof. Lanzafame – Aula F	Astrophysics Laboratory Prof. Leone Aula EST - Osservatorio
11 - 12	Extragalactic Astronomy And Cosmology Prof. Del Popolo Aula EST - Osservatorio	Astroparticle Physics (Proff. Tricomi/Riccobene) Aula F		Astrophysics Prof. Lanzafame – Aula F	Astrophysics Laboratory Prof. Leone Aula EST - Osservatorio
12 - 13	Extragalactic Astronomy And Cosmology Prof. Del Popolo Aula EST - Osservatorio	Nuclear Astrophysics Prof. Lamia Aula L	Astroparticle Physics (Proff. Tricomi/Riccobene) Aula F	Nuclear Astrophysics Prof. Lamia Aula L	
13 - 14		Nuclear Astrophysics Prof. Lamia Aula L	Astroparticle Physics (Proff. Tricomi/Riccobene) Aula F	Nuclear Astrophysics Prof. Lamia Aula L	
14 - 15					
15 - 16		Astrophysics Laboratory Prof. Leone Aula EST - Osservatorio		Extragalactic Astronomy And Cosmology Prof. Del Popolo Aula EST - Osservatorio	
16 - 17		Astrophysics Laboratory Prof. Leone Aula EST - Osservatorio	Astrophysics Prof. Lanzafame – Aula F	Extragalactic Astronomy And Cosmology Prof. Del Popolo Aula EST - Osservatorio	
17 – 18		Astrophysics Laboratory Prof. Leone Aula EST - Osservatorio	Astrophysics Prof. Lanzafame – Aula F		

Corso di Laurea Magistrale in Physics

Curriculum: CONDENSED MATTER PHYSICS - ORARIO LEZIONI A.A. 2024/2025

1° ANNO – 2° periodo didattico - (3 marzo 2025 – 14 giugno 2025)

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9				Mesoscopic and Topological Materials Prof. Pellegrino Aula I	
9 - 10	Mesoscopic and Topological Materials Prof. Pellegrino Aula C	Photonics Proff.ssa Lo Faro Aula D	Physics of 2d materials Technology Devices and quantum phenomena Prof. Torrisi Aula I	Mesoscopic and Topological Materials Prof. Pellegrino Aula I	Superconductivity and Superfluidity Prof.ssa Paladino Aula C
10 - 11	Mesoscopic and Topological Materials Prof. Pellegrino Aula C	Photonics Proff.ssa Lo Faro Aula D	Physics of 2d materials Technology Devices and quantum phenomena Prof. Torrisi Aula I	Physics of 2d materials Technology Devices and quantum phenomena Prof. Torrisi Aula I	Superconductivity and Superfluidity Prof.ssa Paladino Aula C
11 - 12	Semiconductor Physics and Technology Prof. Mirabella Aula I	Semiconductor Physics and Technology – Prof. Mirabella Aula I	Superconductivity and Superfluidity Prof.ssa Paladino Aula C	Physics of 2d materials Technology Devices and quantum phenomena Prof. Torrisi Aula I	Photonics Proff.ssa Lo Faro Aula D
12- 13	Semiconductor Physics and Technology Prof. Mirabella Aula I	Semiconductor Physics and Technology – Prof. Mirabella Aula I	Superconductivity and Superfluidity Prof.ssa Paladino Aula C		Photonics Proff.ssa Lo Faro Aula D
13-14					
14-15				Quantum Phases of Matter Prof. Amico Aula C	
15 - 16	Quantum Phases of Matter Prof. Amico Aula C	Materials and Nanostructures Laboratory Prof. Urso Aula M	Materials and Nanostructures Laboratory Prof. Urso Aula M	Quantum Phases of Matter Prof. Amico Aula C	
16 - 17	Quantum Phases of Matter Prof. Amico Aula C	Materials and Nanostructures Laboratory Prof. Urso Aula M	Materials and Nanostructures Laboratory Prof. Urso Aula M		
17-18		Materials and Nanostructures Laboratory Prof. Urso Aula M	Materials and Nanostructures Laboratory Prof. Urso Aula M		

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Curriculum: NUCLEAR AND PARTICLE PHYSICS - ORARIO LEZIONI A.A. 2024/2025

1° ANNO – 2° periodo didattico - (3 marzo 2025 – 14 giugno 2025)

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10	Experimental Methods for Nuclear Physics Prof. La Rocca Aula D		Experimental Methods for Particle Physics Prof. ssa Petta Aula L		Nuclear Reaction Theory Prof. Colonna Aula F
10 - 11	Experimental Methods for Nuclear Physics Prof. La Rocca Aula D	Astroparticle Physics (Proff. Tricomi/Riccobene) Aula F	Experimental Methods for Particle Physics Prof. ssa Petta Aula L	Theory of Strong Interactions Prof. Greco Aula E	Nuclear Reaction Theory Prof. Colonna Aula F
11 - 12		Astroparticle Physics (Proff. Tricomi/Riccobene) Aula F	Experimental Methods for Particle Physics Prof. ssa Petta Aula L	Theory of Strong Interactions Prof. Greco Aula E	Theory of Strong Interactions Prof. Greco Aula E
12- 13	Nuclear Reaction Theory Prof.ssa Colonna Aula F	Nuclear Astrophysics Prof. Lamia Aula L	Astroparticle Physics (Proff. Tricomi/Riccobene) Aula F	Nuclear Astrophysics Prof. Lamia Aula L	Theory of Strong Interactions Prof. Greco Aula E
13-14	Nuclear Reaction Theory Prof.ssa Colonna Aula F	Nuclear Astrophysics Prof. Lamia Aula L	Astroparticle Physics (Proff. Tricomi/Riccobene) Aula F	Nuclear Astrophysics Prof. Lamia Aula L	Theory of Strong Interactions Prof. Greco Aula E
14-15					
15-16			Experimental Methods for Nuclear Physics Prof. La Rocca Aula D	Experimental Methods for Particle Physics Prof. ssa Petta Aula L	
16-17			Experimental Methods for Nuclear Physics Prof. La Rocca Aula D	Experimental Methods for Particle Physics Prof. ssa Petta Aula L	
17-18			Experimental Methods for Nuclear Physics Prof. La Rocca Aula D	Experimental Methods for Particle Physics Prof. ssa Petta Aula L	

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Curriculum: **NUCLEAR PHENOMENA AND THEIR APPLICATIONS** - ORARIO LEZIONI A.A. 2024/2025

1° ANNO – 2° periodo didattico - (3 marzo 2025 – 14 giugno 2025)

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10	Medical Physics Prof. Stella Aula T		Medical Physics Prof. Stella Aula T	Environmental Radioactivity Prof. Rapisarda G. Aula T	Nuclear Reaction Theory Prof.ssa Colonna Aula F
10 - 11	Medical Physics Prof. Stella Aula T	Environmental Radioactivity Prof. Rapisarda G. Aula T	Medical Physics Prof. Stella Aula T	Environmental Radioactivity Prof. Rapisarda G. Aula T	Nuclear Reaction Theory Prof.ssa Colonna Aula F
11 - 12		Environmental Radioactivity Prof. Rapisarda G. Aula T	Physics For Therapy Proff. Stella – Gallo S. Aula T		Accelerator Physics and Applications Prof. Mascali Aula T
12- 13	Nuclear Reaction Theory Prof.ssa Colonna Aula F	Nuclear Astrophysics Prof. Lamia Aula L	Physics For Therapy Proff. Stella – Gallo S. Aula T	Nuclear Astrophysics Prof. Lamia Aula L	Accelerator Physics and Applications Prof. Mascali Aula T
13- 14	Nuclear Reaction Theory Prof.ssa Colonna Aula F	Nuclear Astrophysics Prof. Lamia Aula L		Nuclear Astrophysics Prof. Lamia Aula L	
14-15			Accelerator Physics and Applications Prof. Mascali Aula T		
15 - 16	Physics For Therapy Proff. Stella – Gallo S. Aula D		Accelerator Physics and Applications Prof. Mascali Aula T	Archaeometry Prof.ssa Gueli Aula F	
16 - 17	Physics For Therapy Proff. Stella – Gallo S. Aula D	Archaeometry Prof.ssa Gueli Aula F		Archaeometry Prof.ssa Gueli Aula F	
17-18		Archaeometry Prof.ssa Gueli Aula F		Archaeometry Prof.ssa Gueli Aula F	

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Curriculum: APPLIED PHYSICS - ORARIO LEZIONI A.A. 2024/2025

1° ANNO – 2° periodo didattico - (3 marzo 2025 – 14 giugno 2025)

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10	Medical Physics Prof. Stella Aula T		Medical Physics Prof. Stella Aula T	Environmental Radioactivity Prof. Rapisarda G. Aula T	
10 - 11	Medical Physics Prof. Stella Aula T	Environmental Radioactivity Prof. Rapisarda G. Aula T Machine Learning for Physics-Prof. M. Russo Lab. informatica	Medical Physics Prof. Stella Aula T	Environmental Radioactivity Prof. Rapisarda G. Aula T	
11 - 12		Environmental Radioactivity Prof. Rapisarda G. Aula T Machine Learning for Physics-Prof. M. Russo Lab. informatica	Physics For Therapy Proff. Stella – Gallo S. Aula T		Accelerator Physics and Applications Prof. Mascali Aula T
12 - 13			Physics For Therapy Proff. Stella – Gallo S. Aula T		Accelerator Physics and Applications Prof. Mascali Aula T
13 - 14					
14 - 15			Accelerator Physics and Applications Prof. Mascali Aula T	Machine Learning for Physics-Prof. M. Russo Lab. informatica	
15 - 16	Physics For Therapy Proff. Stella – Gallo S. Aula D		Accelerator Physics and Applications Prof. Mascali Aula T	Archaeometry Prof.ssa Gueli Aula F Machine Learning for Physics- Prof. M. Russo Lab. informatica	
16 - 17	Physics For Therapy Proff. Stella – Gallo S. Aula D	Archaeometry Prof.ssa Gueli Aula F		Archaeometry Prof.ssa Gueli Aula F Machine Learning for Physics-	

				Prof. M. Russo Lab. informatica	
17 - 18		Archaeometry Prof.ssa Gueli Aula F		Archaeometry Prof.ssa Gueli Aula F	

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Curriculum: **THEORETICAL PHYSICS** - ORARIO LEZIONI A.A. 2024/2025

1° ANNO – 2° periodo didattico - (3 marzo 2025 – 14 giugno 2025)

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9		Physics of Complex Systems Prof. Rapisarda Aula C		Physics of Complex Systems Prof. Rapisarda Aula C	
9 - 10	General Relativity Prof. Puglisi Aula EST - Osservatorio	Physics of Complex Systems Prof. Rapisarda Aula C	General Relativity Prof. Puglisi Aula F	Physics of Complex Systems Prof. Rapisarda Aula C	-Nuclear Reaction Theory Prof.ssa Colonna Aula F -Superconductivity and Superfluidity Prof. Paladino Aula C
10 - 11	General Relativity Prof. Puglisi Aula EST - Osservatorio	Physics of Complex Systems Prof. Rapisarda Aula C	General Relativity Prof. Puglisi Aula F	Theory of Strong Interactions Prof. Greco Aula E	Nuclear Reaction Theory Prof.ssa Colonna Aula F -Superconductivity and Superfluidity Prof. Paladino Aula C
11 - 12		Machine Learning for Physics-Prof. M. Russo Lab. informatica	Superconductivity and Superfluidity Prof. Paladino Aula C	Theory of Strong Interactions Prof. Greco Aula E	Theory of Strong Interactions Prof. Greco Aula E
12-13	Nuclear Reaction Theory Prof.ssa Colonna Aula F	Machine Learning for Physics-Prof. M. Russo Lab. informatica	Superconductivity and Superfluidity Prof. Paladino Aula C		Theory of Strong Interactions Prof. Greco Aula E
13-14	Nuclear Reaction Theory Prof.ssa Colonna Aula F	Machine Learning for Physics-Prof. M. Russo Lab. informatica			Theory of Strong Interactions Prof. Greco Aula E
14-15				Quantum Phases of Matter Prof. Amico - Aula C Machine Learning for Physics-Prof. M. Russo Lab. informatica	
15 - 16	Quantum Phases of Matter Prof. Amico Aula C	Quantum Field Theory – II Prof. Branchina Aula L	Quantum Field Theory – II Prof. Branchina Aula L	Quantum Phases of Matter Prof. Amico - Aula C Machine Learning for Physics-Prof. M. Russo - Lab. informatica	

16 - 17	Quantum Phases of Matter Prof. Amico Aula C	Quantum Field Theory – II Prof. Branchina Aula L	Quantum Field Theory – II Prof. Branchina Aula L	Machine Learning for Physics-Prof. M. Russo - Lab. informatica	
17-18		Quantum Field Theory – II Prof. Branchina Aula L			