CORSO DI LAUREA MAGISTRALE INTERNAZIONALE IN PHYSICS

ORARIO LEZIONI A.A. 2021/2022 - 1° PERIODO DIDATTICO (dal **4 ottobre 2021** al **16 gennaio 2022**)

CURRICULUM **ASTROPHYSICS** - **1° ANNO**

ora	**LUNEDÌ**	**MARTEDÌ**	**MERCOLEDÌ**	**GIOVEDÌ**	**VENERDÌ**
8 - 9			Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M		Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M
9 - 10	Plasma Spectroscopy (prof. Lanzafame) – Aula Est OACT	Magnetohydrodynamics and Plasma Physics (Prof.ssa Zuccarello) – Aula Est OACT	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M	Plasma Spectroscopy (prof. Lanzafame) – Aula Est OACT	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M
10 - 11	Plasma Spectroscopy (prof. Lanzafame) – Aula Est OACT	Magnetohydrodynamics and Plasma Physics (Prof.ssa Zuccarello) – Aula Est OACT	Advanced Quantum Mechanics (Prof. Greco) – Aula M	Plasma Spectroscopy (prof. Lanzafame) – Aula Est OACT	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M
11 - 12	Magnetohydrodynamics and Plasma Physics (Prof.ssa Zuccarello) – Aula Est OACT	Astrophysics (Prof. Lanzafame) – Aula Est OACT	Advanced Quantum Mechanics (Prof. Greco) – Aula M		Advanced Quantum Mechanics (Prof. Greco) – Aula M
12 - 13	Magnetohydrodynamics and Plasma Physics (Prof.ssa Zuccarello) – Aula Est OACT	Astrophysics (Prof. Lanzafame) – Aula Est OACT	Advanced Quantum Mechanics (Prof. Greco) – Aula M		Advanced Quantum Mechanics (Prof. Greco) – Aula M
13-14					
14-15					
15 - 16			Astrophysics (Prof. Lanzafame) – Aula L		
16 - 17			Astrophysics (Prof. Lanzafame) – Aula L		
17 - 18					

CURRICULUM **ASTROPHYSICS - 2° ANNO**

	LUNEDÌ	**MARTEDÌ**	**MERCOLEDÌ**	**GIOVEDÌ**	**VENERDÌ**
8 - 9					
9 - 10	Space Physics (Prof. Pirronello) – Aula D		Cosmic Ray Physics (Prof.ssa Caruso) – Aula D	Space Physics (Prof. Pirronello) – Aula D	
10 - 11	Space Physics (Prof. Pirronello) – Aula D	Cosmic Ray Physics (Prof.ssa Caruso) – Aula D	Cosmic Ray Physics (Prof.ssa Caruso) – Aula D	Space Physics (Prof. Pirronello) – Aula D	
11 - 12		Cosmic Ray Physics (Prof.ssa Caruso) – Aula D		Extragalactic Astronomy and Cosmology (Prof. Del Popolo) – Aula Est OACT	Extragalactic Astronomy and Cosmology (Prof. Del Popolo) – Aula Est OACT
12 - 13				Extragalactic Astronomy and Cosmology (Prof. Del Popolo) – Aula Est OACT	Extragalactic Astronomy and Cosmology (Prof. Del Popolo) – Aula Est OACT
13 - 14					
15 - 16		Astrophysics Laboratory II (Prof. Leone) - Aula Est OACT	Astrophysics Laboratory II (Prof. Leone) Aula Est OACT		
16 - 17		Astrophysics Laboratory II (Prof. Leone) - Aula Est OACT	Astrophysics Laboratory II (Prof. Leone) - Aula Est OACT		
17 - 18		Astrophysics Laboratory II (Prof. Leone) - Aula Est OACT	Astrophysics Laboratory II (Prof. Leone) - Aula Est OACT		

CURRICULUM **APPLIED PHYSICS - 1° ANNO**

ora	LUNEDÌ	MARTEDÌ	MERCOLEDÌ	GIOVEDÌ	VENERDÌ
8 - 9		Solid State Physics (Prof. Angilella) – Aula A	Image Analysis and Fundamentals of Dosimetry (Proff.ri Gueli/Stella) – Aula C	Solid State Physics (Prof. Angilella) – Aula A	
9 - 10	Image Analysis and Fundamentals of Dosimetry (Proff.ri Gueli/Stella) – Aula C	Solid State Physics (Prof. Angilella) – Aula A	Image Analysis and Fundamentals of Dosimetry (Proff.ri Gueli/Stella) – Aula C	Solid State Physics (Prof. Angilella) – Aula A	
10 - 11	Image Analysis and Fundamentals of Dosimetry (Proff.ri Gueli/Stella) – Aula C	Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula A	Advanced Quantum Mechanics (Prof. Greco) – Aula M	Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula M	
11 - 12	Electronics and Applications (Prof. Lo Presti) – Laboratorio di Elettronica	Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula A	Advanced Quantum Mechanics (Prof. Greco) – Aula M	Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula M	Advanced Quantum Mechanics (Prof. Greco) – Aula M
12 - 13	Electronics and Applications (Prof. Lo Presti) – Laboratorio di Elettronica		Advanced Quantum Mechanics (Prof. Greco) – Aula M	Electronics and Applications (Prof. Lo Presti) – Laboratorio di Elettronica	Advanced Quantum Mechanics (Prof. Greco) – Aula M
13 - 14				Electronics and Applications (Prof. Lo Presti) – Laboratorio di Elettronica	
15 - 16					
16 - 17					

CURRICULUM **PHYSICS APPLIED TO CULTURAL HERITAGE, ENVIRONMENT AND MEDICINE - 2° ANNO**

ORA	LUNEDÌ	MARTEDÌ	MERCOLEDÌ	GIOVEDÌ	VENERDÌ
8 - 9		Spectroscopy (Prof. Reitano) – Aula F	Image Analysis and Fundamentals of Dosimetry (Proff.ri Gueli/Stella) – Aula C		Spectroscopy (Prof. Reitano) – Aula F
9 - 10	Image Analysis and Fundamentals of Dosimetry (Proff.ri Gueli/Stella) – Aula C	Spectroscopy (Prof. Reitano) – Aula F	Image Analysis and Fundamentals of Dosimetry (Proff.ri Gueli/Stella) – Aula C		Spectroscopy (Prof. Reitano) – Aula F
10 - 11	Image Analysis and Fundamentals of Dosimetry (Proff.ri Gueli/Stella) – Aula C	Computer Lab (Prof. M. Russo) – Laboratorio di Informatica	Computer Science for Physics (Prof. M. Russo) – Laboratorio di Informatica	Computer Science for Physics (Prof. M. Russo) – Laboratorio di Informatica	Computer Lab (Prof. M. Russo) – Laboratorio di Informatica
11 - 12	Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F	Computer Lab (Prof. M. Russo) – Laboratorio di Informatica	Computer Science for Physics (Prof. M. Russo) – Laboratorio di Informatica	Computer Science for Physics (Prof. M. Russo) – Laboratorio di Informatica	Computer Lab (Prof. M. Russo) – Laboratorio di Informatica
12 - 13	Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F				Computer Lab (Prof. M. Russo) – Laboratorio di Informatica
13 - 14					
15 - 16	Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F		Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F		
16 - 17	Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F		Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F		
17 - 18					
18-19					

CURRICULUM **CONDENSED MATTER PHYSICS - 1° ANNO**

ORA	LUNEDÌ	MARTEDÌ	MERCOLEDÌ	GIOVEDÌ	VENERDÌ
8 - 9		Solid State Physics (Prof. Angilella) – Aula A	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M	Solid State Physics (Prof. Angilella) – Aula A	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M
9 - 10	Physics of Materials (Prof. Terrasi) – Aula F	Solid State Physics (Prof. Angilella) – Aula A	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M	Solid State Physics (Prof. Angilella) – Aula A	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M
10 - 11	Physics of Materials (Prof. Terrasi) – Aula F		Advanced Quantum Mechanics (Prof. Greco) – Aula M		Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M
11 - 12		Physics of Materials (Prof. Terrasi) – Aula M	Advanced Quantum Mechanics (Prof. Greco) – Aula M		Advanced Quantum Mechanics (Prof. Greco) – Aula M
12 - 13		Physics of Materials (Prof. Terrasi) – Aula M	Advanced Quantum Mechanics (Prof. Greco) – Aula M		Advanced Quantum Mechanics (Prof. Greco) – Aula M
13-14					
15- 16					
16- 17					

CURRICULUM **CONDENSED MATTER PHYSICS - 2° ANNO**

ORA	LUNEDÌ	MARTEDÌ	MERCOLEDÌ	GIOVEDÌ	VENERDÌ
8 - 9		Spectroscopy (Prof. Reitano) – Aula F	Quantum Information (Prof. Falci) – Aula F	Quantum Information (Prof. Falci) – Aula F	Spectroscopy (Prof. Reitano) – Aula F
9 - 10	Quantum Information (Prof. Falci) – Aula L	Spectroscopy (Prof. Reitano) – Aula F	Quantum Information (Prof. Falci) – Aula F	Quantum Information (Prof. Falci) – Aula F	Spectroscopy (Prof. Reitano) – Aula F
10 - 11	Computational Quantum Dynamics (Prof. Ridolfo) – Aula L	Physics of Nanostructures (Prof. Ruffino) – Aula F		Physics of Nanostructures (Prof. Ruffino) – Aula F	
11 - 12	Computational Quantum Dynamics (Prof. Ridolfo) – Aula L	Physics of Nanostructures (Prof. Ruffino) – Aula F	Computational Quantum Dynamics (Prof. Ridolfo) – Aula C	Physics of Nanostructures (Prof. Ruffino) – Aula F	
12 - 13	Computational Quantum Dynamics (Prof. Ridolfo) – Aula L		Computational Quantum Dynamics (Prof. Ridolfo) – Aula C		
13 - 14					
15 – 16	Many Body Theory (Prof. Angilella) – Aula I		Many Body Theory (Prof. Angilella) – Aula I		
16 - 17	Many Body Theory (Prof. Angilella) – Aula I		Many Body Theory (Prof. Angilella) – Aula I		

CURRICULUM **NUCLEAR AND PARTICLE PHYSICS** - **1° ANNO**

ORA	**LUNEDÌ**	**MARTEDÌ**	**MERCOLEDÌ**	**GIOVEDÌ**	**VENERDÌ**
8 - 9		Solid State Physics (Prof. Angilella) – Aula A		Solid State Physics (Prof. Angilella) – Aula A	
9 - 10	Nuclear and Particle Physics (Prof.ssa Tricomi) – Aula M	Solid State Physics (Prof. Angilella) – Aula A		Solid State Physics (Prof. Angilella) – Aula A	
10 - 11	Nuclear and Particle Physics (Prof.ssa Tricomi) – Aula M	Nuclear and Particle Physics (Prof.ssa Tricomi) – Aula A	Advanced Quantum Mechanics (Prof. Greco) – Aula M	Nuclear and Particle Physics (Prof.ssa Tricomi) – Aula M	
11 - 12	Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F	Nuclear and Particle Physics (Prof.ssa Tricomi) – Aula A	Advanced Quantum Mechanics (Prof. Greco) – Aula M	Nuclear and Particle Physics (Prof.ssa Tricomi) – Aula M	Advanced Quantum Mechanics (Prof. Greco) – Aula M
12 - 13	Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F	Quantum Field Theory I (Prof. Branchina) – Aula I	Advanced Quantum Mechanics (Prof. Greco) – Aula M		Advanced Quantum Mechanics (Prof. Greco) – Aula M
13 - 14		Quantum Field Theory I (Prof. Branchina) – Aula I			
14 - 15				Quantum Field Theory I (Prof. Branchina) – Aula I	
15 - 16	Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F		Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F	Quantum Field Theory I (Prof. Branchina) – Aula I	
16 - 17	Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F		Nuclear and Subnuclear Physics Laboratory (Prof. Politi) – Aula F	Quantum Field Theory I (Prof. Branchina) – Aula I	

CURRICULUM **NUCLEAR AND PARTICLE PHYSICS - 2° ANNO**

	LUNEDÌ	**MARTEDÌ**	**MERCOLEDÌ**	**GIOVEDÌ**	**VENERDÌ**
8 - 9	Nuclear Structure (Prof. Cappuzzello) – Aula I	Heavy Ions Physics (Prof.ssa Geraci) – Aula C	High Energy Nuclear Physics (Prof. Riggi) – Aula G	Nuclear Structure (Prof. Cappuzzello) – Aula I	High Energy Nuclear Physics (Prof. Riggi) – Aula C
9 - 10	Nuclear Structure (Prof. Cappuzzello) – Aula I	Heavy Ions Physics (Prof.ssa Geraci) – Aula C	High Energy Nuclear Physics (Prof. Riggi) – Aula G	Nuclear Structure (Prof. Cappuzzello) – Aula I	High Energy Nuclear Physics (Prof. Riggi) – Aula C
10 - 11			Elementary Particle Physics II (Prof.ssa Tricomi) – Aula A	Nuclear Structure (Prof. Cappuzzello) – Aula I	Elementary Particle Physics II (Prof.ssa Tricomi) – Aula F
11 - 12	Elementary Particle Physics II (Prof.ssa Tricomi) – Aula I		Elementary Particle Physics II (Prof.ssa Tricomi) – Aula A		Elementary Particle Physics II (Prof.ssa Tricomi) – Aula F
12 - 13	Elementary Particle Physics II (Prof.ssa Tricomi) – Aula I	Hadronic Physics with Electroweak Probes (Proff.ri Petta/Caruso) – Aula C		Hadronic Physics with Electroweak Probes (Proff.ri Petta/Caruso) – Aula C	Heavy Ions Physics (Prof.ssa Geraci) – Aula C
13 - 14		Hadronic Physics with Electroweak Probes (Proff.ri Petta/Caruso) – Aula C		Hadronic Physics with Electroweak Probes (Proff.ri Petta/Caruso) – Aula C	Heavy Ions Physics (Prof.ssa Geraci) – Aula C

CURRICULUM **THEORETICAL PHYSICS - 1° ANNO**

ORA	LUNEDÌ	MARTEDÌ	MERCOLEDÌ	GIOVEDÌ	VENERDÌ
8 - 9		Solid State Physics (Prof. Angilella) – Aula A	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M	Solid State Physics (Prof. Angilella) – Aula A	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M
9 - 10		Solid State Physics (Prof. Angilella) – Aula A	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M	Solid State Physics (Prof. Angilella) – Aula A	Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M
10 - 11			Advanced Quantum Mechanics (Prof. Greco) – Aula M		Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M
11 - 12			Advanced Quantum Mechanics (Prof. Greco) – Aula M		Advanced Quantum Mechanics (Prof. Greco) – Aula M
12 - 13		Quantum Field Theory I (Prof. Branchina) – Aula I	Advanced Quantum Mechanics (Prof. Greco) – Aula M		Advanced Quantum Mechanics (Prof. Greco) – Aula M
13 - 14		Quantum Field Theory I (Prof. Branchina) – Aula I			
14 - 15				Quantum Field Theory I (Prof. Branchina) – Aula I	
15 - 16				Quantum Field Theory I (Prof. Branchina) – Aula I	
16 - 17				Quantum Field Theory I (Prof. Branchina) – Aula I	

CURRICULUM **THEORETICAL PHYSICS - 2° ANNO**

ORA	LUNEDÌ	MARTEDÌ	MERCOLEDÌ	GIOVEDÌ	VENERDÌ
8 - 9		Heavy Ions Physics (Prof.ssa Geraci) – Aula C	Quantum Information (Prof. Falci) – Aula F	Quantum Information (Prof. Falci) – Aula F	
9 - 10	Quantum Information (Prof. Falci) – Aula L	Heavy Ions Physics (Prof.ssa Geraci) – Aula C	Quantum Information (Prof. Falci) – Aula F	Quantum Information (Prof. Falci) – Aula F	
10 - 11		Nuclear and Subnuclear Physics (Prof.ssa Tricomi) – Aula A	Elementary Particle Physics II (Prof.ssa Tricomi) – Aula F	Nuclear and Subnuclear Physics (Prof.ssa Tricomi) – Aula M	Elementary Particle Physics II (Prof.ssa Tricomi) – Aula F
11 - 12	Elementary Particle Physics II (Prof.ssa Tricomi) – Aula I	Nuclear and Subnuclear Physics (Prof.ssa Tricomi) – Aula A	Elementary Particle Physics II (Prof.ssa Tricomi) – Aula F	Nuclear and Subnuclear Physics (Prof.ssa Tricomi) – Aula M	Elementary Particle Physics II (Prof.ssa Tricomi) – Aula F
12 - 13	Elementary Particle Physics II (Prof.ssa Tricomi) – Aula I			Standard Model Theory (Prof. Plumari) – Aula F	Heavy Ions Physics (Prof.ssa Geraci) – Aula C
13 - 14				Standard Model Theory (Prof. Plumari) – Aula F	Heavy Ions Physics (Prof.ssa Geraci) – Aula C
15 - 16	Many Body Theory (Prof. Angilella) – Aula I	Standard Model Theory (Prof. Plumari) – Aula C	Many Body Theory (Prof. Angilella) – Aula I		
16 - 17	Many Body Theory (Prof. Angilella) – Aula I	Standard Model Theory (Prof. Plumari) – Aula C	Many Body Theory (Prof. Angilella) – Aula I		
17-18		Standard Model Theory (Prof. Plumari) – Aula C			

CURRICULUM **NUCLEAR PHENOMENA AND THEIR APPLICATIONS - 1° ANNO**

ORA	LUNEDÌ	MARTEDÌ	MERCOLEDÌ	GIOVEDÌ	VENERDÌ
8 - 9	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia
9 - 10	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia
10 - 11	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia
11 - 12	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia
12 - 13	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia
13 - 14	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia	c/o Università di Siviglia

Corso di Laurea Magistrale in Physics

Curriculum: **ASTROPHYSICS -** ORARIO LEZIONI A.A. 2021/2022

1° ANNO – 2° periodo didattico - (dal 7 marzo al 18 giugno 2022)

	LUNEDI'	**MARTEDI'**	**MERCOLEDI'**	**GIOVEDI'**	**VENERDI'**
8 - 9			General Relativity Prof. Bonanno		
9 - 10	General Relativity Prof. Bonanno	Nuclear Astrophysics Proff. Romano/Lamia Astroparticle Physics Proff. Tricomi/Riccobene	General Relativity Prof. Bonanno	Solar Physics Prof.ssa Zuccarello	
10 - 11	General Relativity Prof. Bonanno	Nuclear Astrophysics Proff. Romano/Lamia Astroparticle Physics Proff. Tricomi/Riccobene	High Energy Astrophysics Prof. Bonanno	Solar Physics Prof.ssa Zuccarello	
11 - 12	High Energy Astrophysics Prof. Bonanno	Solar Physics Prof.ssa Zuccarello	High Energy Astrophysics Prof. Bonanno	Astrophysics Laboratory I Docente da definire	
12 - 13	High Energy Astrophysics Prof. Bonanno	Solar Physics Prof.ssa Zuccarello	Nuclear Astrophysics Proff. Romano/Lamia Astroparticle Physics Proff. Tricomi/Riccobene)	Astrophysics Laboratory I Docente da definire	
13 - 14			Nuclear Astrophysics Proff. Romano/Lamia Astroparticle Physics (Proff. Tricomi/Riccobene)	Astrophysics Laboratory I Docente da definire	
14 - 15					
15 - 16		Astrophysics Laboratory I Docente da definire			
16 - 17		Astrophysics Laboratory I Docente da definire			
17 – 18		Astrophysics Laboratory I Docente da definire			

Corso di Laurea Magistrale in Physics

Curriculum: **CONDENSED MATTER PHYSICS -** ORARIO LEZIONI A.A. 2021/2022

1° ANNO – 2° periodo didattico - (dal 7 marzo al 18 giugno 2022)

	LUNEDI'	**MARTEDI'**	**MERCOLEDI'**	**GIOVEDI'**	**VENERDI'**
8 - 9		Superconductivity and Superfluidity Prof.ssa Paladino			
9 - 10	Mesoscopic and Topological Materials Prof. Pellegrino	Superconductivity and Superfluidity Prof.ssa Paladino	Photonics Docente da definire Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi	Photonics Docente da definire Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi	Mesoscopic and Topological Materials Prof. Pellegrino
10 - 11	Mesoscopic and Topological Materials Prof. Pellegrino	Semiconductor Physics and Technology – Prof. Mirabella	Photonics Docente da definire Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi	Photonics Docente da definire Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi	Mesoscopic and Topological Materials Prof. Pellegrino
11 - 12	Semiconductor Physics and Technology Prof. Mirabella	Semiconductor Physics and Technology – Prof. Mirabella	Quantum Phases of Matter Proff. Falci / Zappalà	Superconductivity and Superfluidity Prof.ssa Paladino	
12- 13	Semiconductor Physics and Technology Prof. Mirabella	Quantum Phases of Matter Proff. Falci / Zappalà	Quantum Phases of Matter Proff. Falci / Zappalà	Superconductivity and Superfluidity Prof.ssa Paladino	
13-14		Quantum Phases of Matter Proff. Falci / Zappalà			
14-15					
15 - 16		Materials and Nanostructures Laboratory Proff. Reitano/Ruffino	Materials and Nanostructures Laboratory Proff. Reitano/Ruffino		
16 - 17		Materials and Nanostructures Laboratory Proff. Reitano/Ruffino	Materials and Nanostructures Laboratory Proff. Reitano/Ruffino		
17-18		Materials and Nanostructures Laboratory Proff. Reitano/Ruffino	Materials and Nanostructures Laboratory Proff. Reitano/Ruffino		

Corso di Laurea Magistrale in Physics

Curriculum: **NUCLEAR AND PARTICLE PHYSICS** - ORARIO LEZIONI A.A. 2021/2022

1° ANNO – 2° periodo didattico - (dal 7 marzo al 18 giugno 2022)

	LUNEDI'	**MARTEDI'**	**MERCOLEDI'**	**GIOVEDI'**	**VENERDI'**
8 - 9					
9 - 10		Nuclear Astrophysics Proff. Romano/Lamia Astroparticle Physics (Proff. Tricomi/Riccobene)	Experimental Methods for Particle Physics Proff. Albergo / Petta	Theory of Strong Interactions Prof. Greco	Nuclear Reaction Theory Prof. Colonna
10 - 11		Nuclear Astrophysics Proff. Romano/Lamia Astroparticle Physics (Proff. Tricomi/Riccobene)	Experimental Methods for Particle Physics Proff. Albergo / Petta	Theory of Strong Interactions Prof. Greco	Nuclear Reaction Theory Prof. Colonna
11 - 12	Nuclear Reaction Theory Prof.ssa Colonna	Experimental Methods for Nuclear Physics Prof. Musumarra		Experimental Methods for Nuclear Physics Prof. Musumarra	Theory of Strong Interactions Prof. Greco
12- 13	Nuclear Reaction Theory Prof.ssa Colonna	Experimental Methods for Nuclear Physics Prof. Musumarra	Nuclear Astrophysics Proff. Romano/Lamia Astroparticle Physics (Proff. Tricomi/Riccobene)	Experimental Methods for Nuclear Physics Prof. Musumarra	Theory of Strong Interactions Prof. Greco
13-14		Experimental Methods for Nuclear Physics Prof. Musumarra	Nuclear Astrophysics Proff. Romano/Lamia Astroparticle Physics (Proff. Tricomi/Riccobene)		
14-15					
15-16			Experimental Methods for Particle Physics Proff.ri Albergo / Petta		
16-17			Experimental Methods For Particle Physics Proff.ri Albergo / Petta		
17-18			Experimental Methods for Particle Physics Proff.ri Albergo / Petta		

Corso di Laurea Magistrale in Physics

Curriculum: **NUCLEAR PHENOMENA AND THEIR APPLICATIONS -** ORARIO LEZIONI A.A. 2021/2022

1° ANNO – 2° periodo didattico - (dal 7 marzo al 18 giugno 2022)

	LUNEDI'	**MARTEDI'**	**MERCOLEDI'**	**GIOVEDI'**	**VENERDI'**
8 - 9					
9 - 10	Medical Physics Prof. Cirrone	Nuclear Astrophysics Proff.ri Romano/Lamia	Environmental Radioactivity Prof. S. Romano	Medical Physics Prof. Cirrone	Nuclear Reaction Theory Prof.ssa Colonna
10 - 11	Medical Physics Prof. Cirrone	Nuclear Astrophysics Proff.ri Romano/Lamia	Environmental Radioactivity Prof. S. Romano	Medical Physics Prof. Cirrone	Nuclear Reaction Theory Prof.ssa Colonna
11 - 12	Nuclear Reaction Theory Prof.ssa Colonna	Environmental Radioactivity Prof. Romano		Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo	Accelerator Physics And Applications Prof. Cuttone
12- 13	Nuclear Reaction Theory Prof.ssa Colonna	Environmental Radioactivity Prof. Romano	Nuclear Astrophysics Proff.ri Romano/Lamia	Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo	Accelerator Physics And Applications Prof. Cuttone
13- 14			Nuclear Astrophysics Proff.ri Romano/Lamia		
14-15		Accelerator Physics and Applications Prof. Cuttone			
15 - 16		Accelerator Physics and Applications Prof. Cuttone	Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo	Archaeometry Proff. Gueli/Stella	
16 - 17		Archaeometry Proff. Gueli/Stella	Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo	Archaeometry Proff. Gueli/Stella	
17-18		Archaeometry Proff. Gueli/Stella		Archaeometry Proff. Gueli/Stella	

Corso di Laurea Magistrale in Physics

Curriculum: **APPLIED PHYSICS -** ORARIO LEZIONI A.A. 2021/2022

1° ANNO – 2° periodo didattico - (dal 7 marzo al 18 giugno 2022)

	LUNEDI'	**MARTEDI'**	**MERCOLEDI'**	**GIOVEDI'**	**VENERDI'**
8 - 9					
9 - 10	Medical Physics Prof. Cirrone		Environmental Radioactivity Prof. Romano	Medical Physics Prof. Cirrone	
10 - 11	Medical Physics Prof. Cirrone		Environmental Radioactivity Prof. Romano	Medical Physics Prof. Cirrone	
11 - 12		Environmental Radioactivity Prof. Romano		Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo	Accelerator Physics and Applications Prof. Cuttone
12 - 13		Environmental Radioactivity Prof. Romano		Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo	Accelerator Physics and Applications Prof. Cuttone
13 - 14					
14 - 15		Accelerator Physics and Applications Prof. Cuttone			
15 - 16	Machine Learning for Physics Prof. M. Russo	Accelerator Physics and Applications Prof. Cuttone	Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo	Archaeometry Proff. Gueli/Stella	Machine Learning for Physics Prof. M. Russo
16 - 17	Machine Learning for Physics Prof. M. Russo	Archaeometry Proff. Gueli/Stella	Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo	Archaeometry Proff. Gueli/Stella	Machine Learning for Physics Prof. M. Russo
17 - 18		Archaeometry Proff. Gueli/Stella		Archaeometry Proff. Gueli/Stella	

Corso di Laurea Magistrale in Physics

Curriculum: **THEORETICAL PHYSICS** - ORARIO LEZIONI A.A. 2021/2022

1° ANNO – 2° periodo didattico - (dal 7 marzo al 18 giugno 2022)

	LUNEDI'	**MARTEDI'**	**MERCOLEDI'**	**GIOVEDI'**	**VENERDI'**
8 - 9		Superconductivity And Superfluidity Prof. Paladino	General Relativity Prof. Bonanno		
9 - 10	General Relativity Prof. Bonanno	Superconductivity And Superfluidity Prof. Paladino	General Relativity Prof. Bonanno	Theory of Strong Interactions Prof. Greco	Nuclear Reaction Theory Prof.ssa Colonna
10 - 11	General Relativity Prof. Bonanno	Physics Of Complex Systems Prof. Rapisarda		Theory of Strong Interactions Prof. Greco	Nuclear Reaction Theory Prof.ssa Colonna
11 - 12	Nuclear Reaction Theory Prof.ssa Colonna	Physics Of Complex Systems Prof. Rapisarda	Quantum Phases Of Matter Proff. Falci / Zappalà	Superconductivity And Superfluidity Prof. Paladino	• Physics of Complex Systems Prof. Rapisarda • Theory of Strong Interactions Prof. Greco
12-13	Nuclear Reaction Theory Prof.ssa Colonna	Quantum Phases Of Matter Proff. Falci / Zappalà	Quantum Phases Of Matter Proff. Falci / Zappalà	Superconductivity And Superfluidity Prof. Paladino	• Physics of Complex Systems Prof. Rapisarda • Theory of Strong Interactions Prof. Greco
13-14		Quantum Phases Of Matter Proff. Falci / Zappalà			
14-15					
15 - 16	Machine Learning For Physics Prof. M. Russo	Quantum Field Theory – II Prof. Branchina	Quantum Field Theory – II Prof. Branchina		Machine Learning for Physics Prof. M. Russo
16 - 17	Machine Learning For Physics Prof. M. Russo	Quantum Field Theory – II Prof. Branchina	Quantum Field Theory – II Prof. Branchina		Machine Learning for Physics Prof. M. Russo
17-18		Quantum Field Theory – II Prof. Branchina			