

CORSO DI LAUREA MAGISTRALE INTERNAZIONALE IN PHYSICS

ORARIO LEZIONI A.A. 2023/2024 - 1° PERIODO DIDATTICO (dal 2 ottobre 2023 al 19 gennaio 2024)

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 L | Magnetohydrodynamics and Plasma Physics (Prof.ssa Zuccarello) – Aula L | Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M | Plasma Spectroscopy (prof. Lanzafame) – Aula L | Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M |
| 10 - 11 | Plasma Spectroscopy (prof. Lanzafame) – Aula L | Magnetohydrodynamics and Plasma Physics (Prof.ssa Zuccarello) – Aula L | Advanced Quantum Mechanics (Prof. Greco) – Aula M | Plasma Spectroscopy (prof. Lanzafame) – Aula L | Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M |
| 11 - 12 | Magnetohydrodynamics and Plasma Physics (Prof.ssa Zuccarello) Aula L | Astrophysics (Prof. Lanzafame) – Aula I | Advanced Quantum Mechanics (Prof. Greco) – Aula M | Plasma Spectroscopy (prof. Lanzafame) – Aula L | Advanced Quantum Mechanics (Prof. Greco) – Aula M |
| 12 - 13 | Magnetohydrodynamics and Plasma Physics (Prof.ssa Zuccarello) Aula L | Astrophysics (Prof. Lanzafame) – Aula I | Advanced Quantum Mechanics (Prof. Greco) – Aula M | | Advanced Quantum Mechanics (Prof. Greco) – Aula M |
| 13-14 | | Astrophysics (Prof. Lanzafame) – Aula I | | | |
| 14-15 | | | | | |
| 15 - 16 | | | Astrophysics (Prof. Lanzafame) – Aula M | | |
| 16 - 17 | | | Astrophysics (Prof. Lanzafame) – Aula M | | |
| 17 - 18 | | | | | |

CURRICULUM ASTROPHYSICS - 2° ANNO

| | LUNEDÌ | MARTEDÌ | MERCOLEDÌ | GIOVEDÌ | VENERDÌ |
|---------|--|--|---|--|---------|
| 8 - 9 | | | | | |
| 9 - 10 | High energy astrophysics (Prof. Bonanno) Aula Est OACT | | Cosmic Ray Physics (Prof.ssa Caruso) – Aula D | High energy astrophysics (Prof. Bonanno) Aula Est OACT | |
| 10 - 11 | High energy astrophysics (Prof. Bonanno) Aula Est OACT | Cosmic Ray Physics (Prof.ssa Caruso) – Aula D | Cosmic Ray Physics (Prof.ssa Caruso) – Aula D | High energy astrophysics (Prof. Bonanno) Aula Est OACT | |
| 11 - 12 | Radioastronomy – Trigilio Aula Est OACT | Cosmic Ray Physics (Prof.ssa Caruso) – Aula D | Radioastronomy – Trigilio Aula Est OACT | Extragalactic Astronomy and Cosmology (Prof. Del Popolo) – Aula Est OACT | |
| 12 - 13 | Radioastronomy – Trigilio Aula Est OACT | Extragalactic Astronomy and Cosmology (Prof. Del Popolo) – Aula Est OACT | Radioastronomy – Trigilio Aula Est OACT | Extragalactic Astronomy and Cosmology (Prof. Del Popolo) – Aula Est OACT | |
| 13 - 14 | | Extragalactic Astronomy and Cosmology (Prof. Del Popolo) – Aula Est OACT | | | |
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| 15 - 16 | | | | | |
| 16 - 17 | | | | | |
| 17 - 18 | | | | | |

CURRICULUM APPLIED PHYSICS - 1° ANNO

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

CURRICULUM APPLIED PHYSICS - 2° ANNO

| ORA | LUNEDÌ | MARTEDÌ | MERCOLEDÌ | GIOVEDÌ | VENERDÌ |
|---------|---|--|---|---------|---------|
| 8 - 9 | | Spectroscopy (Prof. Reitano) – Aula F | Spectroscopy (Prof. Reitano) – Aula F | | |
| 9 - 10 | Biophysics - Lanzaò Aula G | Spectroscopy (Prof. Reitano) – Aula F | Spectroscopy (Prof. Reitano) – Aula F | | |
| 10 - 11 | Biophysics - Lanzaò Aula G | Biophysics - Lanzaò Aula G | | | |
| 11 - 12 | Nuclear and Particle Physics Laboratory (Prof. Politi) – Aula F | Biophysics - Lanzaò Aula G | | | |
| 12 - 13 | Nuclear and Particle Physics Laboratory (Prof. Politi) – Aula F | | | | |
| 13 - 14 | | | | | |
| 15 - 16 | Nuclear and Particle Physics Laboratory (Prof. Politi) – Aula F | | Nuclear and Particle Physics Laboratory (Prof. Politi) – Aula F | | |
| 16 - 17 | Nuclear and Particle Physics Laboratory (Prof. Politi) – Aula F | | Nuclear and Particle 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 T | Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M | Solid State Physics (Prof. Angilella) – Aula T | Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M |
| 9 - 10 | Physics and Technology of Materials (Prof. Terrasi- Boscarino) Aula M | Solid State Physics (Prof. Angilella) – Aula T | Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M | Solid State Physics (Prof. Angilella) – Aula T | Advanced Statistical Mechanics (Prof. Rapisarda) – Aula M |
| 10 - 11 | Physics and Technology of Materials (Prof. Terrasi- Boscarino) Aula M | | 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 | | | Advanced Quantum Mechanics (Prof. Greco) – Aula M | | Advanced Quantum Mechanics (Prof. Greco) – Aula M |
| 13-14 | | | | | |
| 15- 16 | | Physics and Technology of Materials (Prof. Terrasi-Boscarino) Aula M | | | |
| 16- 17 | | Physics and Technology of Materials (Prof. Terrasi-Boscarino) Aula M | | | |

CURRICULUM CONDENSED MATTER PHYSICS - 2° ANNO

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

CURRICULUM NUCLEAR AND PARTICLE PHYSICS - 1° ANNO

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

CURRICULUM NUCLEAR AND PARTICLE PHYSICS - 2° ANNO

| | LUNEDÌ | MARTEDÌ | MERCOLEDÌ | GIOVEDÌ | VENERDÌ |
|---------|--|---|--|---|---|
| 8 - 9 | Nuclear Structure (Prof. Cappuzzello) – Aula I | | | Nuclear Structure (Prof. Cappuzzello) – Aula I | |
| 9 - 10 | Nuclear Structure (Prof. Cappuzzello) – Aula I | Data Analysis Techniques for Nuclear and Particle Physics – Prof. Anastasi Aula C | Elementary Particle Physics (Prof.ssa Tricomi) – Aula I | Nuclear Structure (Prof. Cappuzzello) – Aula I | Elementary Particle Physics (Prof.ssa Tricomi) – Aula I Heavy Ions Physics at Intermediate High Energy (Prof. Tuvè/Geraci) – Aula C |
| 10 - 11 | | Data Analysis Techniques for Nuclear and Particle Physics – Prof. Anastasi Aula C | Elementary Particle Physics (Prof.ssa Tricomi) – Aula I | Nuclear Structure (Prof. Cappuzzello) – Aula I | Elementary Particle Physics (Prof.ssa Tricomi) – Aula I Heavy Ions Physics at Intermediate High Energy (Prof. Tuvè/Geraci) – Aula C |
| 11 - 12 | Elementary Particle Physics (Prof.ssa Tricomi) – Aula D | | | Data Analysis Techniques for Nuclear and Particle Physics – Prof. Anastasi Aula C | |
| 12 - 13 | Elementary Particle Physics (Prof.ssa Tricomi) – Aula D | Heavy Ions Physics at Intermediate High Energy (Prof. Tuvè/Geraci) – Aula C | | Data Analysis Techniques for Nuclear and Particle Physics – Prof. Anastasi Aula C | |
| 13 - 14 | | Heavy Ions Physics at Intermediate High Energy (Prof. Tuvè/Geraci) – Aula C | | | |

CURRICULUM THEORETICAL PHYSICS - 1° ANNO

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

CURRICULUM THEORETICAL PHYSICS - 2° ANNO

| ORA | LUNEDÌ | MARTEDÌ | MERCOLEDÌ | GIOVEDÌ | VENERDÌ |
|---------|---|---|--|---|---------|
| 8 - 9 | | | | | |
| 9 - 10 | Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula T | | | | |
| 10 - 11 | Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula T | Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula T | | Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula T | |
| 11 - 12 | | Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula T | | Nuclear and Particle Physics II (Prof.ssa Tricomi) – Aula T | |
| 12 - 13 | | | | Standard Model Theory (Prof. Plumari) – Aula T | |
| 13 - 14 | | | | Standard Model Theory (Prof. Plumari) – Aula T | |
| | | | | | |
| 15 - 16 | Many Body Theory (Proff. Angilella-Chiriaco') – Aula I | Standard Model Theory (Prof. Plumari) – Aula T | Many Body Theory (Proff. Angilella-Chiriaco') – Aula I | | |
| 16 - 17 | Many Body Theory (Proff. Angilella-Chiriaco') – Aula I | Standard Model Theory (Prof. Plumari) – Aula T | Many Body Theory (Proff. Angilella-Chiriaco') – Aula I | | |
| 17-18 | | Standard Model Theory (Prof. Plumari) – Aula T | | | |

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 |
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