

**MASTER DEGREE IN PHYSICS**  
**CLASS SCHEDULE – Academic year. 2026-2027**  
**1° SEMESTER: 21 september 2026 - 8 january 2027**  
**Last modified 22/09/2026**

**1° Year**

| TIME        | Monday      | Room  | Tuesday  | Room  | Wednesday   | Room  | Thursday | Room  | Friday°         | Room  |
|-------------|-------------|-------|----------|-------|-------------|-------|----------|-------|-----------------|-------|
| 8:30-9:30   | QuanFT      | A.0.4 | StatMec  | A0.2  | NuclPhysMet | A.1.4 |          |       | PhysAtmo        | A.1.2 |
| 9:30-10:30  | QuanFT      | A.0.4 | StatMec  | A0.2  | NuclPhysMet | A.1.4 | StatMec  | C1.12 | PhysAtmo        | A.1.2 |
| 10:30-11:30 | QuanFT      | A.0.4 | StatMec  | A0.2  | NuclPhysMet | A.1.4 | StatMec  | C1.12 | PhysAtmo        | A.1.2 |
| 11:30-12:30 | NuclPhysMet | A.0.4 | CondMat  | A.0.4 | QuanFT      | A0.2  | QuanFT   | A.0.4 | <i>recupero</i> | A.0.4 |
| 12:30-13:30 | NuclPhysMet | A.0.4 | CondMat  | A.0.4 | QuanFT      | A0.2  | QuanFT   | A.0.4 | <i>recupero</i> | A.0.4 |
|             |             |       |          |       |             |       |          |       |                 |       |
| 14:30-15:30 | CondMat     | A.0.4 | PhysAtmo | A.1.2 | SEMINARI    | A.1.6 |          |       | CondMat         | A.1.4 |
| 15:30-16:30 | CondMat     | A.0.4 | PhysAtmo | A.1.2 | Magnet      | A.1.2 |          |       | CondMat         | A.1.4 |
| 16:30-17:30 | Magnet      | A.0.4 | PhysAtmo | A.1.2 | Magnet      | A.1.2 |          |       | CondMat         | A.1.4 |
| 17:30-18:30 | Magnet      | A.0.4 |          |       | Magnet      | A.1.2 |          |       |                 |       |
| 18:30-19:30 |             |       |          |       |             |       |          |       |                 |       |

**° Classes are suspended on Friday, September 25th for the Street Science event.**

***Mandatory COMMON***

|                                            |                                               |
|--------------------------------------------|-----------------------------------------------|
| Condensed Matter Physics (CondMat):        | Proff. D’Orazio, Marini 6+3ECTS 7 hours/week  |
| Nuclear Physics and Methods (NuclPhysMet): | Proff. Filipponi, Salamida 6ECTS 5 hours/week |
| Quantum Field Theory (QuanFT):             | Proff. Berejiani, Nesti 6+3ECTS 7 hours/week  |
| Statistical Mechanics (StatMecc):          | Proff. Ciuchi, Paganelli 6ECTS 5 hours/week   |

**Space Weather and High Atmosphere Physics (SWAP)**

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| Magnetohydrodynamics (Magnet):        | Prof. Pietropaolo 6ECTS 5 hours/week |
| Physics of the Atmosphere (PhysAtmo): | Prof. Redaelli 6ECTS 5 hours/week    |

## 2° Year

| TIME        | Monday         | Room  | Tuesday                                     | Room                    | Wednesday                          | Room           | Thursday                | Room           | Friday                         | Room           |
|-------------|----------------|-------|---------------------------------------------|-------------------------|------------------------------------|----------------|-------------------------|----------------|--------------------------------|----------------|
| 8:30-9:30   |                |       | <i>CosmRays</i>                             | A.1.2                   | GaugeT<br><i>QuantOpt</i>          | A.1.2<br>A.1.3 | GenRelCos<br>AdvCondMat | A.1.3<br>A.1.2 | CircumSpace<br><i>QuantOpt</i> | A.1.4<br>A.1.3 |
| 9:30-10:30  |                |       | <i>CosmRays</i>                             | A.1.2                   | GaugeT<br><i>QuantOpt</i>          | A.1.2<br>A.1.3 | GenRelCos<br>AdvCondMat | A.1.3<br>A.1.2 | CircumSpace<br><i>QuantOpt</i> | A.1.4<br>A.1.3 |
| 10:30-11:30 | <i>DarkMat</i> | A.1.2 | <i>CosmRays</i>                             | A.1.2                   | <i>CosmRays</i><br><i>QuantOpt</i> | A.1.2<br>A.1.3 | GenRelCos<br>AdvCondMat | A.1.3<br>A.1.2 | CircumSpace<br><i>QuantOpt</i> | A.1.4<br>A.1.3 |
| 11:30-12:30 | <i>DarkMat</i> | A.1.2 | <i>DarkMat</i>                              | A.1.2                   | <i>CosmRays</i><br>AdvCondMat      | A.1.2<br>A.1.4 | GaugeT                  | A.1.2          |                                |                |
| 12:30-13:30 | <i>DarkMat</i> | A.1.2 | <i>DarkMat</i>                              | A.1.2                   | AdvCondMat                         | A.1.4          | GaugeT                  | A.1.2          |                                |                |
|             |                |       |                                             |                         |                                    |                |                         |                |                                |                |
| 14:30-15:30 | <i>PhysBSM</i> | A.1.3 | GenRelCos<br>CircumSpace<br><i>ManyBody</i> | A.1.3<br>A.1.4<br>A.0.4 | SEMINARI                           | A.1.6          | <i>recupero</i>         | A.1.2          |                                |                |
| 15:30-16:30 | <i>PhysBSM</i> | A.1.3 | GenRelCos<br>CircumSpace<br><i>ManyBody</i> | A.1.3<br>A.1.4<br>A.0.4 | <i>PhysBSM</i><br><i>ManyBody</i>  | A.1.3<br>A.1.4 | <i>recupero</i>         | A.1.2          |                                |                |
| 16:30-17:30 | <i>PhysBSM</i> | A.1.3 | GenRelCos<br>CircumSpace<br><i>ManyBody</i> | A.1.3<br>A.1.4<br>A.0.4 | <i>PhysBSM</i><br><i>ManyBody</i>  | A.1.3<br>A.1.4 | <i>recupero</i>         | A.1.2          |                                |                |
| 17:30-18:30 |                |       |                                             |                         |                                    |                |                         |                |                                |                |
| 18:30-19:30 |                |       |                                             |                         |                                    |                |                         |                |                                |                |

### Particle and Astroparticle Physics

General Relativity and Cosm. (GenRelCosm):

Prof. Nesti 6ECTS 5 hours/week

Gauge Theories (GaugeT):

Prof. Pilo 6ECTS 5 hours/week

### Condensed Matter Physics

Adv. Meth. in Condensed Matter Physics (AdvCondMat)

Proff. D'Orazio, Pierleoni 6ECTS 5 hours/week

### Space Weather and High Atmosphere Physics (SWAP)

Physics of Magnetosphere and Circumterrestrial Space (CircumSpace):

Proff. Piersanti, D'Angelo 6ECTS 5 hours/week

### Optional 1°- 2° Year

Cosmic Rays and multimessenger astroph. (CosmRays):

Proff. Boncioli, Salamida 6ECTS 5 hours/week

Dark Matter and Neutrino Physics (DarkMat):

Proff. Macolino, Ferella 3+3ECTS 5 hours/week

Quantum Optics (QuantOpt)

Proff. Marini, Di Mauro Villari 6ECTS 5 hours/week

Many-Body Theory in Cond. Matter Phys. (ManyBody)

Proff. Pierleoni, Paganelli 6ECTS 5 hours/week

Physics Beyond the Standard Model (PhysBSM)

Prof. Z. Berejani 6 ECTS 5 hours/week