



UNIVERSITY OF  
**MESSINA**  
| founded in **1548**


Master's Degree in

# PHYSICS: CONDENSED MATTER PHYSICS



→  **Scientific coordinator**  
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 **Department**  
*Mathematical and Computer  
Science, Physical Sciences and  
Earth Science*

 **Duration**  
2 years



Master's degree in

## PHYSICS: CONDENSED MATTER PHYSICS

### → Programme overview

*This degree course consolidates knowledge in physics and related areas. Students develop flexible but rigorous mental skills that enable them to work in activities requiring a thorough knowledge of the main physical theories. They will also acquire the ability to learn innovative methodologies and technologies and apply them to interdisciplinary fields. This degree programme provides a background in experimental and theoretical physics across all the specialised areas of the different curricula. The aim of the Master's degree in Physics is to prepare tomorrow's professionals in the field of physics with consolidated knowledge areas. The graduates will have the skills to address basic and applied scientific research, and the knowledge to design and develop new strategies appropriate to different issues.*

**The Master's degree programme in Physics offers three curricula:**

1. Condensed Matter Physics
2. Nuclear Physics (taught in Italian)
3. Applied Physics (taught in Italian)

### → Minimal entry requirements

*Students should have a Bachelor's degree or equivalent three-year degree in Physics.*

*Scan the QR Code for further admission requirements criteria.*



### → Language requirements

*International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B2 level of the Common European Framework of Reference.*

### → Study programme

**YEAR  
1**

- ▶ Advanced quantum physics
- ▶ Data analysis
- ▶ Solid state physics
- ▶ Further language skills
- ▶ Statistical physics
- ▶ Quantum Optics and Technologies
- ▶ Nanophysics and nanotechnology

**YEAR  
2**

- ▶ Material physics laboratory
- ▶ Micro-optic electronic devices
- ▶ Computational physics
- ▶ Spintronics or Advanced chemistry or Applied mathematics
- ▶ Master thesis and final exam

### → International opportunities

*UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year.*

*Another opportunity for students is the UniME Funded programme "Students Around the World" (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.*



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### → Tuition fees

*UniME tuition fees for international students are calculated by country group. For further information:*



*University facilities provided to students including discounted meals in the canteen, the bus pass, the possibility to participate in exchange programmes around the world.*

*Sara Armeni*



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