



UNIVERSITY OF
MESSINA
| founded in **1548**

Master's Degree in

PHYSICS: MATERIAL PHYSICS AND DEVICES



Scientific coordinator

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Department

*Mathematical and Computer
Science, Physical Sciences and
Earth Science*



Duration

2 years



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→ 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. Materials Physics and Devices
2. FISICA (Italian and English)

→ 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
- ▶ Condensed Matter Physics
- ▶ Laboratory and Data Analysis
- ▶ Further Language skills
- ▶ Spectroscopy Laboratory
- ▶ Computational Physics
- ▶ Quantum Optics and Technologies

**YEAR
2**

- ▶ Spintronics
- ▶ Micro-optic Electronic Devices
- ▶ Nanophysics and Nanotechnologies
- ▶ Advanced Chemistry
- ▶ Master Thesis
- ▶ Final Exam

→ International opportunities

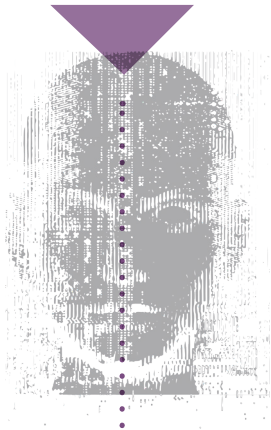
UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year.

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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