

Corso di Laurea:
2020 – Fisica
2379 – Fisica

Master Degree in:
Physics



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Il Corso di Studi in Fisica
dell'Università degli Studi di
Palermo

Coordinatore: Salvatore Micciché

What researchers
in Palermo do?



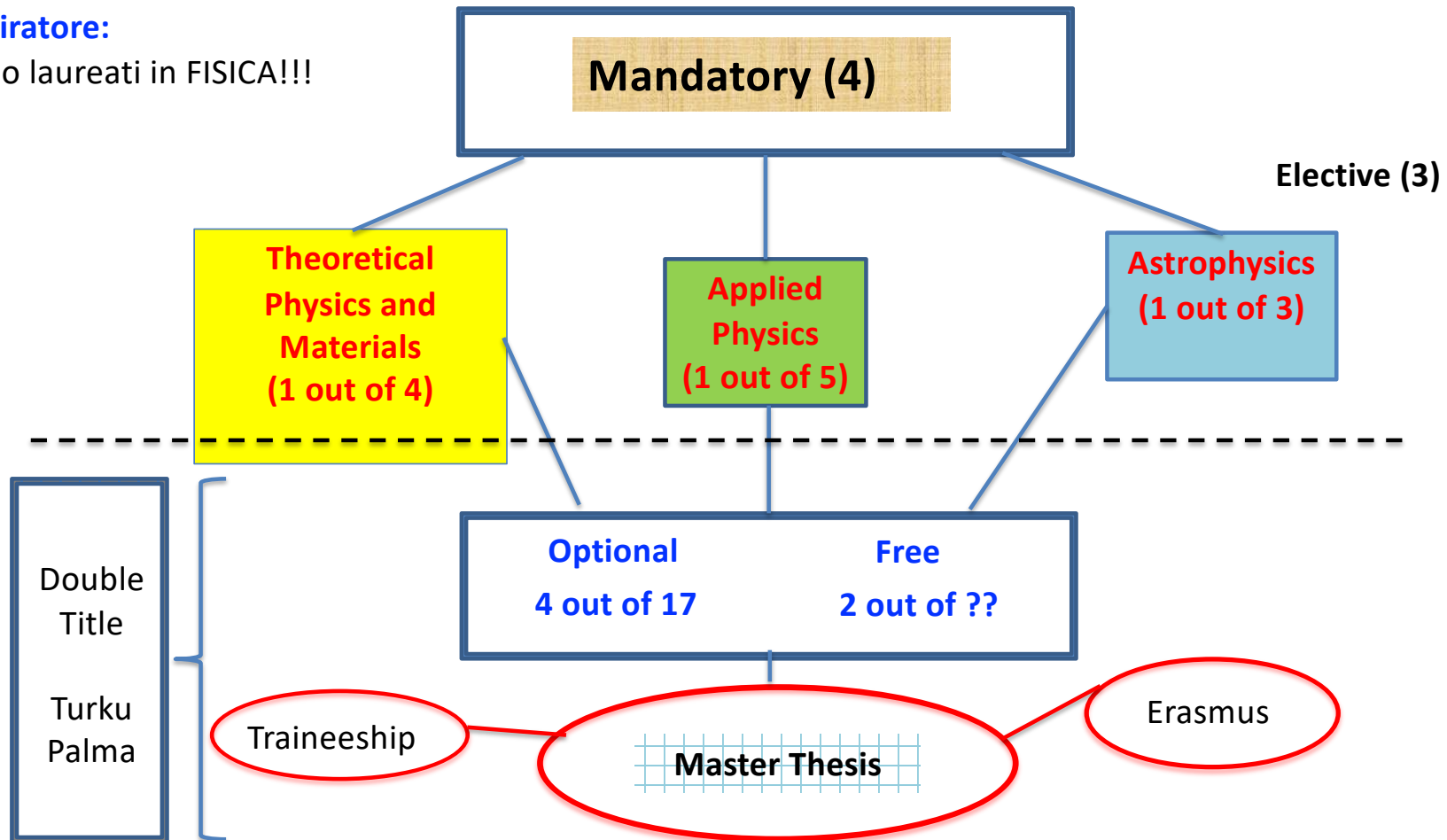
Study Plan

Study Plan Structure

In italiano
ed Inglese

Principio ispiratore:

Noi formiamo laureati in FISICA!!!

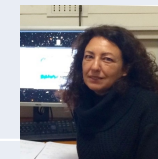


Mandatory (24 CFU - I anno)

Advanced Quantum Mechanics (**L. Rizzuto**)



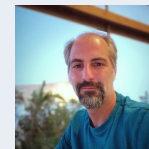
Interazione Radiazione-materia (**T. Di Salvo**)



Statistical Physics (**R. Mantegna**)



Spettroscopia con laboratorio (**F. Messina**)



Offerta formativa 26/27
Erogato 26/27

Approvata a novembre 2025

Modificabile entro Maggio 2026

Non ancora pubblicata

Elective (18 CFU – I anno)

One for each of the three groups (18 ECTS)

Ambito Teorico e di Struttura della Materia

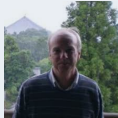
Structure of Matter
advanced course
(**F. Ciccarello**)



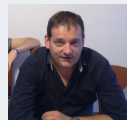
Quantum Optics
(**M. Palma**)



Teoria dei campi
(**R. Passante**)



Lab of Nuclear and
Subnuclear Physics
(**G. Marsella**)



Ambito Fisica Sperimentale e Fisica Applicata

Fisica degli stati condensati
(**S. Agnello**)



Biophysics
(**G. Cottone**)



Computational Physics
with Laboratory
(**G. Cottone**)



Nanoparticles and
nanostructures
(**G. Buscarino**)



Introduction to
Medical Physics
(**M. Marrale**)



Ambito Astrofisica

General Relativity
(**X. YYYYYYY**)

Astrofisica
(**M. Miceli**)



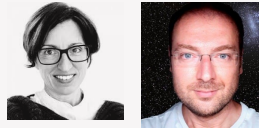
High Energy Astrophysics
with Lab (**Iaria**)



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Optional Subjects (24 CFU – II anno)

Stellar Evolution (**Argiroffi, Miceli**)



Astrophysics – Laboratory (**Barbera**)



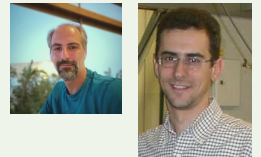
Space Weather (**Pagano, Reale**)



Cloud and High performance computing (**Reale**)



Lab of Physics of Matter
(**Messina, Agnello**)



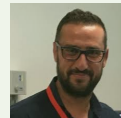
Chimica fisica dei materiali
(**Pignataro**)



Biophotonics with lab (**Vetri, Vetri**)



Radiation Detectors with Lab (**Abbene**)



Offerta formativa 26/27
Erogato 27/28

Optional Subjects (24 CFU – II anno)

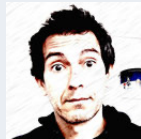
Quantum Thermodynamics
(**Militello, Paternostro**)



Gauge Theories
(**Lorenzo**)



Statistical Field Theory
(**Carollo**)



Quantum Information
(**Paternostro**)



Physics of Complex Systems
(**Valenti**)



Didattica della Fisica
(**Fazio**)



Algebra non commutativa
(**Martino**)



Metodi e modelli mat. per le
Applicazioni (**Sciacca**)



Complex Networks
(**Miccichè**)



Offerta formativa 26/27
Erogato 27/28

Free Subjects (12 CFU – II anno)

a scelta consigliata

Advanced Mathematics for Physics
(Bagarello)

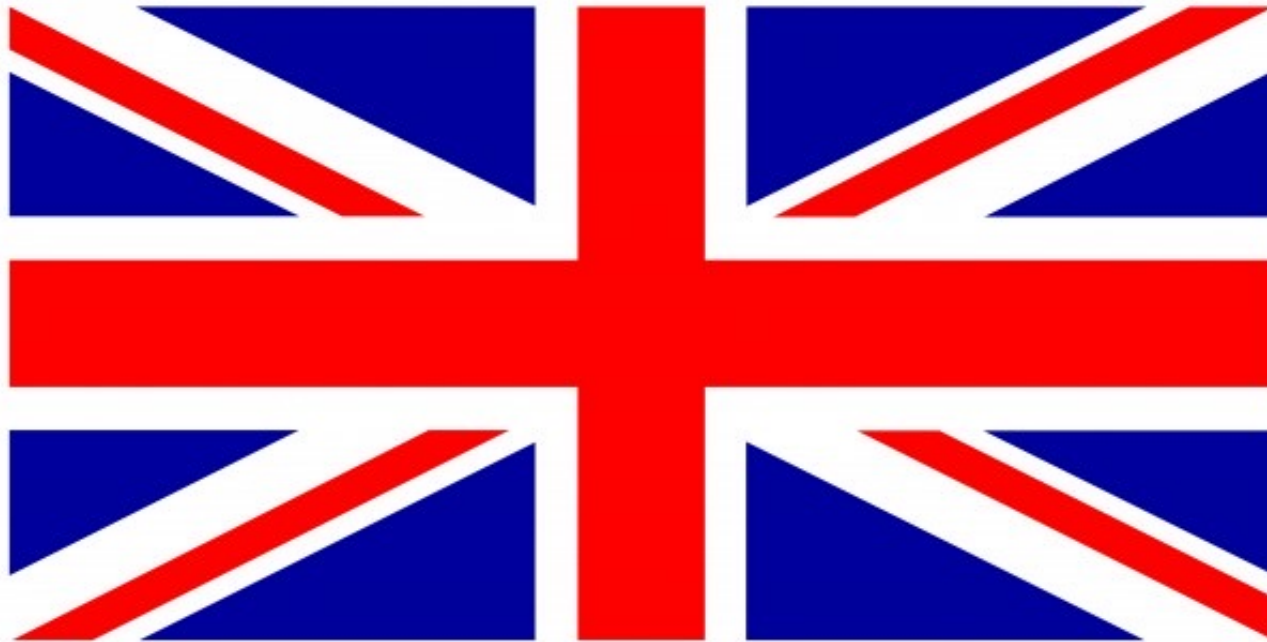


a scelta vostra



In italiano
ed Inglese

Most courses are in English





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● **Obert el termini per sol·licitar les beques generals del Ministeri d'Educació i Formació Professional per al curs acadèmic 2024-25 fins al 10 de maig a les 15:00 h.**



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Welcome

The University of the Balearic Islands invites you to study and research in a privileged backdrop, where the tranquillity, wellbeing and joy of the Mediterranean come together in perfect harmony with a work-oriented environment designed to educate, generate knowledge and innovate, alongside a commitment to excellence in research and teaching.

The university campus enjoys excellent transport links and houses all the necessary facilities and services for university life. Our vast experience offers you the opportunity to relish multilingual learning in a culturally rich and diverse setting.

Double Title Degree

Traineeship (8 ECTS)



Università
degli Studi
di Palermo



INFORMAZIONI ▾ DIDATTICA ▾

2020 - FISICA

TIROCINI E STAGE



Erasmus



Ci vediamo un Aula!



Natale 2023!

