



UNIVERSITY OF
THESSALY

CAMPUS OF LAMIA

DEPARTMENT OF PHYSICS

FACULTY OF SCIENCE

Lessons offered to Incoming Erasmus Students for academic year **2024 - 2025**

Offered courses in English Language:

LINK: [Undergraduate Studies - Department of Physics \(uth.gr\)](https://uth.gr)

SEMESTER WINTER/SPRING	COURSE CODE	COURSE	ECTS	TEACHING METHOD (Tutoring/Lectures)	LEVEL (B,M,D)
W	11001	General Physics I (Mechanics – Oscillations - Waves – Thermodynamics)	6	T/L	B
S	41001	Introduction to Thermodynamics and Statistical Mechanics	6	T, L	B
W	51002	Statistical Mechanics I	6	T, L	B
S	61001	Quantum Mechanics II	6	T, L	B
S	61003	Nuclear Physics I	6	T, L	B
S	61004	Elementary Particle Physics I	6	T, L	B

W	71001	Fluid Mechanics	6	T, L	B
W	72101	Statistical Mechanics II	6	T, L	B
W	72102	Nuclear Physics II	6	T, L	B
W	72207	Dissertation I	6	T, L	B
W	71203	Elementary Particle Physics II	6	T, L	B
W	71302	Materials Science	6	T, L	B
W	72310	Physical Chemistry	6	T, L	B
S	82211	Dissertation II	6	T, L	B
S	82202	Elementary Particle Physics III	6	T, L	B
S	82304	Physics of Nanomaterials	6	T, L	B
S	82306	Composites and Polymeric materials	6	T, L	B
S	82311	Computational Methods in Material Science	6	T, L	B
S	82209	Atomic and Molecular Physics	6	T, L	B
S	82514	Introduction to Data Science and Machine Learning	6	T, L	B
S	81103	Quantum Mechanics III	6	T, L	B
S	82210	Relativistic Quantum Mechanics	6	T, L	B

Semester: Winter or Spring or Both (WS, SS, WSS)

Course code: Δηλαδή τον κωδικό του μαθήματος όπως εμφανίζεται στο site

Course Title: το όνομα του Μαθήματος στα Αγγλικά

ECTS

Teaching Method: Δηλαδή αν το μάθημα γίνεται στα Αγγλικά εξ ολοκλήρου με παράδοση (lectures) ή εκτός παράδοσης πχ εργασίες, εξατομικευμένη βοήθεια κλπ (tutoring)

Level του μαθήματος B (Bachelor), M (Master), D (Ph. D)