The Physics Department, Aristotle University of Thessaloniki, welcomes international students.

The incoming students who are not fluent in Greek have the opportunity to choose post-graduate courses or undergraduater, which are offered in English, among those listed in the following tables.

These courses are taught in the individual study scheme according to which the students are provided with teaching material in English (overheads and/or class notes, literature), a detailed study scheme and regular/weekly meeting hours with the faculty members. Finally they are examined in English. In addition to that they have the option to work on a project towards a B.Sc. or M.Sc. Thesis. In this case, it is necessary that they consult with the research activities of the individual faculty members (http://www.physics.auth.gr/en/home) and come to an agreement with them prior to their arrival.

Master Degree courses offered in English

Odd (even) semester numbers correspond to fall (spring) semesters.

Semester	Course Title	ECTS	Contact Person	Web page
1st	Laboratory of Programming and Software Applications	6	T. Samaras	http://qa.auth.gr/en/class/1/600004130
1st	Atmospheric and environmental physics	8	K. Tourpali	https://qa.auth.gr/en/class/1/600004175
1st	Radiation in the atmosphere	8	A.Bais	https://qa.auth.gr/en/class/1/600004177
1st	Electronic Circuits	7	T. Laopoulos, T. Noulis	http://elecom.physics.auth.gr/En/Courses/Electron/semesterE1.htm http://qa.auth.gr/en/class/1/600004163
1st	Physical properties of materials	8	O. Kalogirou	http://qa.auth.gr/en/class/1/600004252/
1st	Materials structure, growth & synthesis	8	E. C. Paloura	https://qa.auth.gr/en/class/1/600004253
2nd	Computational Simulation Methods in the Physics of Condensed Phases and Complex Systems II	4	P. Argyrakis	http://comphys.web.auth.gr/index.php/2012-04-27-13-47-30/2012-05-06-17-07-59/80-2012-05-09-15-43-27/93-a8 *(**the abstract is shown at the end of this table)*
2nd	Thin films II: applications	2	M. Angelakeris, E. C. Paloura	https://qa.auth.gr/en/class/1/600004402
2nd	Magnetic nanostructures	2	M. Angelakeris	http://qa.auth.gr/en/class/1/600004411
2nd	Computational Electromagnetics	7.5	T. Samaras	http://qa.auth.gr/en/class/1/600004363
2nd	Global change	4	K. Tourpali	https://qa.auth.gr/en/class/1/600004329
2nd	Radiative transfer models	4	A.Bais	https://qa.auth.gr/en/class/1/600004330
2nd	Atmospheric Aerosols	4	D. Balis	https://qa.auth.gr/en/class/1/600004333
2nd	Atmospheric Pollution and Environmental Meteorology	8	D. Melas	https://qa.auth.gr/en/class/1/600004320
2nd	Materials Optimization and Selection Methods	8	I.Kioseoglou	http://qa.auth.gr/en/class/1/600004398/M1

** *Computer simulation methods using the Monte-Carlo technique of advanced problems in Condensed Matter Physics. Use of random numbers. Diffusion in lattices and Random walks, Number of sites visited, Probability for return to the origin, Trapping phenomena, Percolation and phase transitions of 2nd order. Critical exponents. Networks. Scale-free systems. Probability distribution functions. Boxing techniques. Correlation functions. Molecular Dynamics methods.*

Bachelor Degree Courses offered in English

Odd/fall semesters run from October to mid-February (examination period included)

Even/spring semesters run from mid-February to the end of June (examination period included)

Semester	Course Title	ECTS	Contact Person	Web page
3rd	Physics IV (waves and optics)	8	J. Arvanitidis, K. Virsokinos	http://www.physics.auth.gr/en/courses/141
3rd	Atmospheric and environmental physics	5	A.Bais, D. Melas, D. Balis	http://www.physics.auth.gr/en/courses/138
4th	Optics laboratory	4	J. Arvanitidis, K. Virsokinos	http://www.physics.auth.gr/en/courses/154
4th	Electronics	5	S. Nikolaidis	http://www.physics.auth.gr/en/courses/153
5th	Bioelectromagnetics	4	T. Samaras	http://www.physics.auth.gr/en/courses/160
5th	Physics of Metals	4	T. Kehagias, G. Dimitrakopulos	http://www.physics.auth.gr/en/courses/162
5th	Quantum Mechanics I	8	T. Gaitanos	http://www.physics.auth.gr/en/courses/122
6th	Cosmic Radiation	4	A. Liolios	http://www.physics.auth.gr/en/courses/170
6th	Physics of Materials	4	F. Komninou, J. Kioseoglou	http://www.physics.auth.gr/en/courses/178
7th	Solid State Physics	7	E. C. Paloura, K. Papaggelis	http://www.physics.auth.gr/en/courses/43
7th	Magnetic materials and Applications	4	M. Angelakeris, H. Sarafidis	http://www.physics.auth.gr/en/courses/216
7th	Nonlinear Dynamical Systems	5	G. Vougiatzis	http://www.physics.auth.gr/en/courses/200
7th	Digital Circuits	4	S. Nikolaidis	http://www.physics.auth.gr/en/courses/220
7th	Atmospheric environment	5	D. Melas, K. Tourpali	http://www.physics.auth.gr/en/courses/199
7th	Electronic Circuits	5	T. Laopoulos, T. Noulis	http://www.physics.auth.gr/en/courses/196
8th	Physics of nanostructures and surfaces	4	E. C. Paloura	http://www.physics.auth.gr/en/courses/205
8th	Radiation Physics and Applications of Radioisotopes	4	A. Ioannidou	http://www.physics.auth.gr/en/courses/228
8th	Cosmology	4	C. Tsagas	http://www.physics.auth.gr/en/courses/222
8th	General Theory of Relativity	4	C. Tsagas, N. Stergioulas	http://www.physics.auth.gr/en/courses/236
8th	Photonics and Applications	4	K. Virsokinos	http://www.physics.auth.gr/en/courses/186
8th	Atmospheric Technology	4	A.Bais, D. Balis, K. Garane, K. Tourpali	http://www.physics.auth.gr/en/courses/231
8th	Global Environmental Changes	4	D. Balis, K. Tourpali	http://www.physics.auth.gr/en/courses/232