



Aristotle University of Thessaloniki

Faculty of Sciences

School of Physics



**MSc in Physics of Atmospheric Environment
and Global Change**

Study Guide

Academic Year 2024-2025

New Curriculum

**Applies to students admitted from the
Academic Year 2024-25**

Website: <http://msc-env2024.physics.auth.gr/>

Thessaloniki, September 2024

Contents

1. Preface	1
2. Expected learning outcomes	2
3. University Calendar	3
4. Governing bodies of the MSc	4
5. Enrollment to the MSc.....	6
6. The Curriculum of the MSc.....	7
6.1 Curriculum Structure	8
6.2 Curriculum	9
6.2.1 Compulsory courses	9
6.2.2 Basic Elective courses	10
6.2.3 Special elective courses	11
6. Diploma Thesis.....	13
8. Internal Regulation	14
9. Useful information.....	16
10. Staff Contact Details (in alphabetical order)	19

1. Preface

The object of the Postgraduate Program of Studies (MSc) in *Physics of Atmospheric Environment and Global Change* is the formation of program with emphasis on learning and specializing in the fields of Atmospheric Environment Physics, Atmospheric Physics, Global Atmospheric and Climate Change, Environmental Management as well as in modern research methodology and management of environmental problems on a local, regional and global scale, utilizing the modern infrastructure and know-how of the School of Physics of the Aristotle University of Thessaloniki.

The purpose of the Postgraduate Program is to train graduate physicists-environmentalists specialized in issues related to basic and applied research, protection and management of the atmospheric environment, study, in order to address and manage global environmental change issues. Graduates will be able to meet the demands of the modern employment market in areas such as: Earth Observation, Climate Change, The Quality of the Atmospheric Environment and Environmental Studies as well as the design and development of applications and services and the use of tools and methodologies for the Management of Environmental Information in order to address current and future environmental problems.

2. Expected learning outcomes

The **learning outcomes** and qualifications of the Postgraduate Program are in accordance with the European and National Qualifications Framework for Higher Education Level 7.

In particular, upon completion of their studies, graduates of the MSc program acquire skills related to:

- (a) research and management of air pollution on a local and global scale,
- (b) the study of global change and climate,
- (c) the analysis of environmental data,
- (d) the design and performance of environmental parameter measurements,
- (e) quality control and evaluation of environmental parameter measurements,
- (f) the preparation of environmental impact studies,
- (g) the use of specialized software and programming languages,
- (h) the application of atmospheric models and the use of databases,
- (i) the development of environmental management and information technology applications,
- (j) the development of environmental applications and satellite remote sensing services,
- (k) the development of management tools related to climate change, and
- (l) the enhancement of their skills in the design and management of research and consulting projects related to the Environment.

3. University Calendar

1. The academic year begins on September 1st of each year and ends on August 31st of the following year.
2. The educational work of each academic year is structured in two semesters. Each semester should include at least 13 full weeks of teaching.
3. The winter semester begins in October and the exams are held in February. The spring semester begins in March and the exams are held in mid-June to mid-July. The number of weeks available for examinations is determined in by the Institution (Aristotle University of Thessaloniki). Repeat examinations are held in September.
4. Classes, apart from the two examination periods, are interrupted from Christmas Eve to the day after Epiphany, from Tyrophagus Thursday to the day after Clean Monday and from Holy Monday to Thomas Sunday.
5. There are no classes and exams on weekends and on the following holidays - anniversaries:
 - Saint Demetriou (26 October)
 - The national holiday of October 28th
 - The anniversary of the Polytechnic uprising (17 November)
 - The Three Hierarchs Day (30 January)
 - The Annunciation Day (25 March)
 - On May 1st (Labor Day)
 - The Holy Spirit Day



4. Governing bodies of the MSc

The administration, organization and operation of the Postgraduate Programs are held by:

1. The **Senate of the University**, which is responsible for the academic, administrative, and organizational issues of the Postgraduate Programs, and exercises all responsibilities related to the Postgraduate Programs that are not assigned, by law, to other administrative bodies.
2. The **Postgraduate Studies Committee**, which is formed by decision of the Senate and consists of the competent Vice-Rector, who serves as President, one (1) member of the Faculty Staff from each School of the Aristotle University of Thessaloniki, and one (1) member coming from the categories of members of Special Educational Staff, Laboratory Teaching Staff and Special Technical Staff of the Aristotle University of Thessaloniki. The Committee members have experience in organizing and participating in postgraduate programs. The term of office of the Committee is two (2) academic years.
3. The **Assembly of the School**, which is responsible for the following :
 - A. forming Committees for the evaluation of the applications for the Postgraduate Program and approve their enrollment
 - B. assigning teaching work to the teaching staff of the Postgraduate Program,
 - C. proposing to the Senate, possible changes concerning the Postgraduate Program, as well as the extension of the duration of the Postgraduate Program,
 - D. forming examination committees responsible for the appointment of the supervisors of postgraduate students' Master Theses, as well as their evaluation and grading
 - E. ascertaining the successful completion of studies, in order for the students to be awarded the title of the Postgraduate Program,
 - F. approving the financial report of the Postgraduate Program, prepared by the Coordinating Committee (CC).

By decision of the Assembly of the School, the responsibilities of per. a) and d) may be transferred to the Coordinating Committee (CC) of the Postgraduate Program.

4. The **Coordinating Committee of the Postgraduate Program (CC)** which consists of the Director of the Postgraduate Program and four (4) Faculty members of the School of Physics, whose scientific subject is related to those of the Postgraduate Program and have been assigned teaching work in the Postgraduate Program. The members of the Postgraduate Program are determined by decision of the Assembly of the School and have the following responsibilities:
 - A. to prepare the initial annual budget of the Postgraduate Program and its amendments, provided that the Postgraduate Program allocates resources in accordance with article 84 of Law 4957/2022, and recommends its approval to the Special Account for Research Funds (ELKE),
 - B. to prepare the financial report of the Postgraduate Program and submit it for approval to the Assembly of the School,
 - C. to approve the expenses of the Postgraduate Program,

- D. to approve the granting of scholarships, in accordance with the provisions of the Establishment Act of the Postgraduate Program and the Regulation of Postgraduate and Doctoral Programs,
- E. to recommend the assignment of teaching work to the teaching staff as described in article 83 of Law 4957/2022 to the Assembly of the School
- F. to recommend the invitation of Visiting Professors in order to meet the teaching demands of the Postgraduate Program, to the Assembly of the School
- G. to prepare a modification plan for the curriculum, whenever necessary, and submit it to the Assembly of the School,
- H. to recommend to the Assembly of the School possible redistribution of courses between academic semesters, as well as issues related to the qualitative upgrading of the curriculum.

Emeritus Professors of the School or of collaborating Schools may participate in the CC, provided they have been assigned teaching work in the Postgraduate Program.

5. The **Director of the Postgraduate Program** is one of the faculty members of the School, Professor or Associate Professor, and is appointed by decision of the Assembly of the School for a two-year term, renewable without limitation and is not entitled to any additional reimbursement for his/her administrative work. The Director holds the responsibilities provided for in Article 82 para. 4 of Law 4957/2022 and any others defined in the Establishment Act the Postgraduate Program:
- A. presides over the C.C. and draws up the agenda and convenes its meetings;
 - B. presents issues related to the organization and operation of the Postgraduate Program to the Assembly of the School,
 - C. presents issues related to the effective operation of the Postgraduate Program to the C.C. and the other bodies of the Postgraduate Program and the Institution
 - D. is the Scientific Coordinator of the Postgraduate Program in accordance with article 234 of Law 4957/2022 and exercises the corresponding responsibilities,
 - E. monitors the implementation of the decisions of the Postgraduate Program and the provisions of the Internal Regulation of Postgraduate and Doctoral Programs, as well as the monitoring of the implementation of the budget of the Postgraduate Program.

The Director and members of the Postgraduate Program, are not entitled to reimbursement or any kind of financial compensation for their administrative duties.

The secretarial support of the Postgraduate Program is provided by the School of Physics. The Secretariat of the Postgraduate Program is responsible for keeping records and grades of postgraduate students and informs postgraduate students about issues related to the organization and operation of the Postgraduate Program. The Secretary is responsible for providing administrative support for the Assembly of the School meetings.

5. Enrollment to the MSc

According to the Establishment Act of the MSc Program, number./2024 (not available yet), graduates of Schools from Greek Universities or equivalent, recognized by the Hellenic National Academic Recognition and Information Center (D.O.A.T.A.P.), in accordance with article 304 of Law 4957/2022, foreign institutions can be admitted to the Postgraduate Program. In particular:

1. Graduates of the Departments of (a) Schools of Sciences, (b) Schools of Engineering, (c) Schools of Agriculture, Forestry and Natural Environment, and (d) Schools of Environment.
2. Graduates of the Hellenic Air Force Academy.
3. Graduates from domestic and equivalent foreign institutions, with a program of study related or partially related to that of the Postgraduate Program, according to the annual call for admission of students to the Postgraduate Program published on the websites of the School of Physics and the Postgraduate Program.

The number of students admitted **per year is set at a maximum of ten (10). The Postgraduate Program cannot operate with less than three (3) postgraduate students per year.**

In May or June of each year, the Postgraduate Program, following a decision of the Assembly of the School, announces a call for the admission to the Program through an open procedure. In particular, **the announcement**, which is published on the website of the School of Physics of the Aristotle University of Thessaloniki (<https://www.physics.auth.gr/>), includes admission requirements, the number of available positions, categories of candidates, the method of admission, the selection criteria, the deadlines for the submission of applications as well as the supporting documents required. Written examinations might be required depending on the relevance of the graduates' studies and in this case, information about examined courses, examination dates and grading are also included in the call.

Points are awarded to candidates for the Postgraduate Program are as follows:

1. Degree Grade (up to 35 points)
2. Time of obtaining the degree (in relation to the minimum required) (up to 10 points)
3. Grades in undergraduate courses related to the Postgraduate Program (up to 30 points)
4. Performance in the Undergraduate Thesis (related to the subject of the Postgraduate Program) (up to 15 points)
5. Other qualifications, such as letters of recommendation, publications, papers, other degrees, relevant professional experience, interview by the three-member Selection and Examination Committee, etc. (up to 10 points)

The three-member Selection and Examination Committee ranks candidates in descending order of points. Candidates must accumulate a minimum of twenty (20) points in order to be considered **admitted** or runners-up. If two or more candidates are tied at the bottom of the ranking, then the selection is based on the degree grade of the first cycle of studies, and at a second level (if necessary), based on the duration of the candidates' studies in relation to the minimum required study time for obtaining a degree. Based on the ranking order, candidates are also appointed as runners-up, the number of which amounts to 50% of the foreseen number of entrants rounded to the upper integer.

6. The Curriculum of the MSc

The Curriculum of the Postgraduate Program is structured in **three (3) semesters** and the total number of ECTS required to obtain the Postgraduate Diploma is 90.

- In the first semester, four (4) compulsory courses and one (1) elective course corresponding to a total of 30 ECTS are taught.
- In the second semester, five (5) elective courses, two (2) basic elective courses and three (3) special elective courses corresponding to a total of 30 ECTS are taught.
- In the third semester, the Master Thesis is prepared, credited with 30 ECTS.

The official language of the program is Greek. Notes and bibliography may also be given in English, and the language of the Master's thesis may be either Greek or English.

The detailed curriculum, as listed in the next section, includes the courses' content, the compulsory and elective courses, information on the semesters' program, the timetable and teaching hours and the ECTS credits of the courses and the Master Thesis. Details on the preparation of a Thesis can also be found in section 4.

The detailed curriculum can also be found **on the website of the Postgraduate Program**. (<http://msc-env2024.physics.auth.gr/programma-spoudon/mathimata/>).

6.1 Curriculum Structure

C: Compulsory Course, BELC: Basic Elective Course, SELC: Special Elective Course

1st SEMESTER		
Course	Course type	ECTS
Atmospheric Physics and Global Change	C	7
Quality of the atmospheric environment	C	7
Environmental Management and Circular Economy	C	6
Environmental Data Analysis Methods	C	6
1 elective course (Basic or Special)	BE/SELC	4
TOTAL		30
2nd SEMESTER		
Course	Course type	ECTS
Basic elective course	BELC	9
Basic elective course	BELC	9
Special elective course	SELC	4
Special elective course	SELC	4
Special elective course	SELC	4
TOTAL		30

3rd SEMESTER		
Course	Course type	ECTS
Master Thesis	C	30
TOTAL		30

BASIC ELECTIVE COURSES
Atmospheric radiation and remote sensing
Atmospheric Measurements
Air Quality Models
Environmental Impact Assessment and Evaluation Tools

SPECIAL ELECTIVE COURSES
Laboratory and Field project
Radiation Transfer Models
Atmospheric Aerosols
Atmospheric circulation models
Development of Environmental Information Services
Statistical Analysis of Time Series
Chemistry of the Atmospheric Environment
Biogeochemical cycles

6.2 Curriculum

6.2.1 Compulsory courses

N	Course Code	Course	Hours	ECTS
1	ΦΠΥ101	Atmospheric Physics and Global Changes	3	7

‡ Kleareti Tourpali, Al. Bais, D. Balis

🔗 <https://qa.auth.gr/el/class/1/600236159>

2	ΦΠΥ102	Quality of the Atmospheric Environment	3	7
---	--------	---	---	---

‡ Dimitrios Melas, P. Zanis

🔗 <https://qa.auth.gr/el/class/1/600236160>

3	ΦΠΥ103	Environmental Management and Circular Economy	3	6
---	--------	--	---	---

‡ Dimitrios Balis, D. Melas, Al. Ioannidou, E. Giama

🔗 <https://qa.auth.gr/el/class/1/600236161>

4	ΦΠΥ104	Environmental Data Analysis Methods	3	6
---	--------	--	---	---

‡ Kleareti Tourpali, K. Voudouri, M.E. Koukouli

🔗 <https://qa.auth.gr/el/class/1/600236162>

6.2.2 Basic Elective courses

N	Course Code	Course	Hours	ECTS
1	ΦΠΒ201	Atmospheric radiation and remote sensing	4	9
	‡	Alkiviadis Bais, C. Meleti, D. Balis, M.E. Koukouli, D. Loyola https://qa.auth.gr/el/class/1/600236163		
2	ΦΠΒ202	Atmospheric Measurements	4	9
	‡	Dimitris Balis, C. Meleti, K. Garane, C. Topaloglou, K. Voudouri https://qa.auth.gr/el/class/1/600236164		
3	ΦΠΒ203	Air Quality Models	4	9
	‡	Charikleia Meleti, D. Melas, Ch. Giannaros https://qa.auth.gr/el/class/1/600236165		
4	ΦΠΒ204	Environmental Impact Assessment and Evaluation Tools	4	9
	‡	Dimitris Balis, K. Garane, E. Giama https://qa.auth.gr/el/class/1/600236166		

6.2.3 Special elective courses

N	Course Code	Course	Hours	ECTS
1	ΦΠΕ201	Laboratory Exercises and Field Measurements	2	4

‡ Katerina Garane, Al. Bais, D. Balis

🔗 <https://qa.auth.gr/el/class/1/600236167>

2	ΦΠΕ202	Radiation Transfer Models	2	4
---	--------	---------------------------	---	---

‡ Alkiviadis Bais

🔗 <https://qa.auth.gr/el/class/1/600236168>

3	ΦΠΕ203	Atmospheric Aerosols	2	4
---	--------	----------------------	---	---

‡ Dimitris Balis, Al. Ioannidou

🔗 <https://qa.auth.gr/el/class/1/600236169>

4	ΦΠΕ204	Atmospheric circulation models	2	4
---	--------	--------------------------------	---	---

‡ Dimitris Melas

🔗 <https://qa.auth.gr/el/class/1/600236170>

5	ΦΠΕ205	Development of Environmental Information Services	2	4
---	--------	---	---	---

‡ Konstantinos Karatzas

🔗 <https://qa.auth.gr/el/class/1/600236171>

6	ΦΠΕ206	Statistical Analysis of Time Series	2	4
---	--------	-------------------------------------	---	---

‡ Kleareti Tourpali

🔗 <https://qa.auth.gr/el/class/1/600236172>

7	ΦΠΕ207	Chemistry of the Atmospheric Environment	2	4
---	--------	--	---	---

‡ Prodromos Zanis

🔗 <https://qa.auth.gr/el/class/1/600236173>

8	ΦΠΕ208	Biogeochemical cycles	2	4
---	--------	-----------------------	---	---

‡ Charikleia Meleti

🔗 <https://qa.auth.gr/el/class/1/600236174>

A/A	Course Code	Course	Hours	ECTS
-----	-------------	--------	-------	------

10		Diploma Thesis		30
----	--	----------------	--	----

☒ Any member of the Teaching Staff

6. Diploma Thesis

The submission of a Diploma Thesis is **compulsory** in the curriculum of the Postgraduate Program and follows the regulations described in detail in paragraph C of article 8 of the Postgraduate Studies Regulation of the MSc "Physics of Atmospheric Environment Physics and Global Change". Specifically, the regulation states:

- the procedure for applying for initiation, appointment of subject and supervisor of the Diploma Thesis,
- the procedure for appointing the three-member Examination Committee,
- guidelines on how to write the Thesis, e.g. language of writing, recommended formatting and minimum allowable length at page level,
- guidelines for the presentation and grading of the Thesis.

The Coordinating Committee of MSc., following **an application by** the candidate, in which a proposed title and supervisor of the Thesis is indicated and a summary of the proposed thesis is attached, appoints its supervisor. Also, at the request of the candidate, it establishes a three-member Examination Committee for the approval of the thesis, one member of which is the supervisor.

The Master Thesis cannot be concluded in a period shorter than one academic semester and it can be written either in Greek or English.

The presentation of the Master's Thesis takes place **publicly**, before the three-member Examination Committee.

The website of the MSc (<https://msc-env2024.physics.auth.gr/studies/diploma-thesis/?lang=en>) provides the timetable of the procedures, the templates for the application documents that need to be submitted, a detailed template for writing the Thesis in Greek and English, as well as additional instructions on how to format it and use the bibliographic references.

8. Internal Regulation

The **Internal Regulation** of the MSc in **Physics of Atmospheric Environment and Global Change** (Government Gazette number – not available yet) is a complete guide, including detailed information on the operation of the Postgraduate Program such as admission of students (number, criteria, procedures), the teaching staff, the structure and content of the Curriculum and the rights and responsibilities of students.

The full text of Internal Regulation of the program, as well as other relevant regulations are available at:

<http://msc-env2024.physics.auth.gr/kanonismoi/>

Key points of the Internal Rules of Operation of the MSc:

1. The **assessment method** of each course is defined by its instructor at the beginning of the academic semester. In September, a repeat examination period is available for all courses.
2. The **grading scale** for the evaluation of postgraduate students' performance is defined from zero (0) to ten (10), as follows: Excellent (8.5 to 10), Very Good (6.5 to 8.5 not included), Good (6 to 6.5 not included). **The passing grade is six (6) and above.**
3. Postgraduate students are offered the possibility of **part-time study**, the duration of which cannot exceed twice the normal attendance, i.e. six (6) semesters.
4. Postgraduate students who have not exceeded the normal duration of studies may be granted, upon application, **a suspension of studies**, which may not exceed two (2) consecutive semesters. During the suspension, the postgraduate student loses his/her student status.
5. Upon reasoned application before the completion of the normal duration of studies, the postgraduate student may request **an extension of studies** of one year, to complete his/her studies or to prepare the Master Thesis. The Coordinating Committee submits the request to the Assembly of the School, stating the reasons for the requested extension, and the Assembly approves or rejects the requested extension. In case the postgraduate student has not completed his/her studies after the end of the extension of studies, is considered to have failed the Postgraduate Program by decision of the Assembly of the School.
6. With confirmation from the Assembly of the School, the postgraduate students may fall out of status, for the following reasons:
 - a. upon their own request,
 - b. if the maximum allowed period of study has elapsed and studies are not completed,
 - c. if they have not completed 30% of the required credits (ECTS) for obtaining the diploma during the normal duration of studies, and
 - d. for academic misbehavior.
7. Postgraduate students **are required** to:
 - a. Attend classes and laboratory exercises (attendance is compulsory). Attendance is considered to be successful, when a minimum of 70% of the classes are attended.
 - b. Submit their assignments on time.
 - c. Participate in all educational and research activities of the Postgraduate Program.

- d. Register each semester's courses promptly.
 - e. Offer volunteer work such as tutorial courses, library work and research and if necessary, aid to the services of the University, in case of students receiving a scholarship,
 - F. Submit a solemn declaration to the Secretariat, prior to the evaluation of their Master Thesis, that their text is properly written in order to avoid plagiarism
 - g. participate in the processes of quality assessment of the Postgraduate Program by answering questionnaires related to the operation of the Program
 - h. fulfil any commitments towards the Institute in order to proceed with their graduation
 - i. abide by the decisions of the bodies of the Postgraduate Program, as well as academic ethics. Failure to comply with the above, without a substantiated justification, may lead to failure in a course or exclusion from the program.
8. Following registration, a permanent member of the Faculty Staff of the Postgraduate Program is appointed for each postgraduate student as an **Academic Advisor**. The role of the Advisor is to monitor the progress of students' studies and proper attendance of the classes, in order to avoid failure in the course. In addition, the Academic Advisor provides assistance regarding the choice of subject for the Master Thesis, according to the research interests of the postgraduate student. Postgraduate students should contact their academic advisor for any problem that may affect the smooth course of their studies. The Academic Advisor provides the postgraduate student with the necessary counseling to cope with the requirements of the Postgraduate Program. The Academic Advisor ensures regular meetings with the postgraduate students he/she has undertaken and certainly and no less than twice per semester.
9. The Program has **no tuition fees**.

9. Useful information

Secretariat

The Secretariat of the School of Physics is housed on the first floor of the Secretariat building of the Faculty of Sciences, which is located across the Faculty's new building (building of the Department of Biology). Its entrance faces east. The Secretariat is open to undergraduate and postgraduate students daily (Monday to Friday) from 10:30 to 12:00.

The School's Secretary is Mrs. Vigli-Papadaki Lefkothea (Telephone: 2310998120, e-mail: lvigli@physics.auth.gr).

e-mail: info@physics.auth.gr, Telephone: 2310998140, 2310-998150, Fax: 2310998122

Postgraduate Students and PhD Candidates support:

Kaimakamis Georgios, tel. 2310998140

Registration

The official registration of the successful candidates of the MSc takes place around December and certainly after the swearing-in ceremony of the School of Physics' undergraduate students. The registration follows an announcement by the Secretariat of the Department of Physics.

Institutional Account

The Institutional Account (university ID) is necessary for the use of the digital services provided to the university community of the Aristotle University of Thessaloniki. It consists of a username and password, common for all online services that require authentication through the institutional account.

Upon registration, postgraduate students receive their institutional account details through the IT Center of Aristotle University of Thessaloniki (www.it.auth.gr).

Academic Identity Card

Students can apply online for an academic identity throughout the academic year.

The academic card is valid for as long as the student status lasts, and it covers multiple uses, in addition to the Student Ticket (Pass). The new IDs indicate the exact period of validity of the Student Ticket. In case the student is not entitled to a Student Ticket, the card serves as an academic identity card. The Identity Cards are delivered to the pick-up point chosen by each student when submitting the application and the students are notified. The academic ID cards remain at the delivery point for two months from the day they were issued.

Applications: <https://submit-academicid.minedu.gov.gr/>

Course registration

Course registrations are performed electronically, following a relevant announcement by the Secretariat of the Department of Physics, using the institutional account, through <https://sis.auth.gr/> <https://sis.auth.gr/>

Lecture and laboratory rooms (<https://maps.auth.gr/>)

- Lecture room: Room 2.8, 2nd floor, Glass building of the School of Sciences
- Laboratory of Atmospheric Physics: Roof of the building of the School of Sciences, west wing.

School of Physics' Library

The School of Physics Library is located on the ground floor of the new building of the Faculty of Sciences (building of the School of Biology). It houses all the books and journals of the School, around 20,000 books, most of them in foreign languages, and 200 journal titles (70 current subscriptions). The Library uses new technologies: a computerized catalogue of books (on-line), accessible to all users and access to a number of bibliographic databases of the Central Library through the University network.

The School of Physics Library is one of the first and most active members of HEAL - Link (Hellenic Academic Libraries - Link). Through HEAL-Link, the library has access to 12 bibliographic databases of OCLC's FirstSearch information service. It also has access to 2,500 journals from the following publishers: Elsevier, Kluwer, Academic Press, Springer and MCB.

The Library operates as a lending library and user IDs are issued for book borrowing. Due to its limited space, it does not operate as a reading room, except for those who search the bibliography. The Library during the academic year remains open from 08:30 to 14:30.

Library website: <https://www.lib.auth.gr/el/b002>, Staff: Maria Gambrela , Emmanouil Kyriaki

Computer Labs

In the School of Physics there are 3 computer Labs available for conducting courses (capacity of 10, 15 and 20 stations), and another two open access labs available to all students from the School of Physics (40 computer stations in total) from Monday to Friday, 9:00 am - 7:00 pm. The labs are located on the 4th floor of the glass building of the School and operate with the voluntary work of the students of the department.

Islet Manager: K. Liakakis-2310-998370, email: pclab@physics.auth.gr

Other services

- **On line information:** Through the **myAuth application** ([Android](#), [iOS](#)) on their mobile phones, students have access to information concerning student benefits, such as the University Gym classes, the menu of the Student Club, the occupancy of the Computer Labs as well as recent announcements of the Institution and the University Campus map.
- **E-Learning:** Through the elearning platform (<https://elearning.auth.gr/>), all courses of the Program are supported on line. In this environment, students can register and find material on their course of interest, submit their assignments, receive corrections and comments, participate in forums for exchanging views on the courses and receive emails from their Instructors. The platform also allows synchronous remote classes by video call (<https://vconf.auth.gr/b>) either using the e-learning environment, or other video conferencing services (<https://it.auth.gr/services/academicsupport/>) provided by the Aristotle University of Thessaloniki.
- **Student Dining and health care** by the University Student Club of the Aristotle University of Thessaloniki (https://www.auth.gr/university_unit/pfl/): offered to eligible students, via specific criteria

- **Accommodation:** The Aristotle University of Thessaloniki provides free accommodation in the Student Residences to eligible students of the second cycle of studies (https://www.auth.gr/university_unit/pfe/).
- **Health and social policy services of the Aristotle University of Thessaloniki:** these include the Primary Health Care Centre (https://www.auth.gr/university_unit/kpfy/), the Counselling and Guidance Centre (https://www.auth.gr/university_unit/kesypsy/) and the Social Policy & Health Committee (<https://www.auth.gr/healthservices/>).
- **Career Services Office (DASTA, <https://www.dasta.auth.gr/>):** Its aim is to help students and graduates of the Aristotle University of Thessaloniki to approach their future career by providing useful information either on job opportunities or for opportunities to continue their studies
- The Committee on Gender and Equality Issues (<https://www.auth.gr/committee/com-gaei/>) as well as the Student Support Office for Vulnerable Social Groups (<https://studentaid.auth.gr/>) are also working in the framework of student welfare. The **Student Advocate** (<https://www.auth.gr/synigoros-tou-foititi/>) ensures the preservation of legality and academic ethics in the context of academic freedom, and addresses phenomena of maladministration in order to safeguard the smooth operation of the institution
- The benefits for postgraduate students also include the University Gym (<https://gym.auth.gr/>), the Kalandra University Camp (https://www.auth.gr/university_unit/camping/) and the Children's Center (<https://paidiko.auth.gr/>), which provides its services to parents-students.
- **Other digital services (<https://it.auth.gr/>):** The digital services available to the students of the Postgraduate Program also include: 1) Wireless network connection – eduroam, 2) Virtual network access (VPN), 3) Remote access, 4) Personal storage space (cloud), 5) Website creation, 6) Shared software, 7) Online registration for laboratory courses through the Department's website and institutional account.

10. Staff Contact Details (in alphabetical order)

Name and office	Telephone	E-mail
Voudouri Kalliopi-Artemis, Postdoctoral Researcher, Faculty of Sciences Building, School of Physics, 4 th floor roof, West wing	2310 99 8009	kavoudou@auth.gr
Yama Efrosini, Laboratory Teaching Staff, Faculty of Engineering, School of Mechanical Engineering	2310 99 6153	fgiama@auth.gr
Giannaros Christos, Postdoctoral Researcher, National and Kapodistrian University of Athens	2102826965	cgiannaros@phys.uoa.gr
Garane Katerina, Laboratory Teaching Staff, Faculty of Sciences Building, School of Physics, 4 th floor, East wing	2310 998191	agarane@auth.gr
Zanis Prodromos Professor, School of Geology, Building of Meteorology, 1 st floor	2310 998240	zanis@geo.auth.gr
Alexandra Ioannidou Professor, Faculty of Sciences Building, School of physics, 1 st floor, East wing	2310 998599	anta@physics.auth.gr
Karatzas Konstantinos Professor, Faculty of Engineering, School of Mechanical Engineering, New Building of Mechanical Engineering (Building E14), Ground Floor	2310 994176	kkara@meng.auth.gr
Kopalidou Ourania Specialized Technical Staff, Secretariat of the Laboratory of Atmospheric Physics, Faculty of Sciences Building, School of Physics, 2 nd floor, East wing	2310 998156	rkopali@auth.gr
Koukouli MariLiza Postdoctoral Researcher, Faculty of Sciences Building, School of Physics, 4 th floor, East wing.	2310 998183	mariliza@auth.gr

Name and office	Telephone	E-mail
Melas Dimitrios Professor, Faculty of Sciences Building, School of Physics, 2 nd floor, East wing	2310 998124	melas@auth.gr
Meleti Charikleia Assistant Professor, Faculty of Sciences Building, School of Physics, 4 th floor, East wing	2310 998009	meleti@auth.gr
Bais Alkiviadis Professor, Faculty of Sciences Building, School of Physics 2 nd floor, East wing	2310 99 8191	abais@auth.gr
Balis Dimitrios Professor, Faculty of Sciences Building, School of Physics 4 th floor, East wing	2310 99 8192	balis@auth.gr
Topaloglou Chrysanthi Laboratory Teaching Staff, Faculty of Sciences Building, School of Physics, 4th floor, east wing	2310 998075	chtopal@auth.gr
Tourpali Kleareti Professor, Faculty of Sciences Building, School of Physics 4 th floor, East wing	2310 998159	tourpali@auth.gr
Loyola Diego Visiting Professor Department Head -German Aerospace Center (DLR) Remote Sensing Technology Institute Oberpfaffenhofen 82234 Weßling	+49 8153 28- 1367	Diego.Loyola@dlr.de



Communication : msc-env@physics.auth.gr



Find us on
Facebook

<https://www.facebook.com/MScEnvPhys1993>