

**Aristotle University of Thessaloniki**  
**G-THESSAL 01**

**Department of Mathematics**  
**School of Sciences**

**ERASMUS+ PROGRAM**

**Guide for Incoming Students**

This Guide gives information on the Aristotle University of Thessaloniki and on the structure of the courses offered by the School of Mathematics, to help prospective Erasmus+ students prepare for their study period at this institution. It also contains information on the city of Thessaloniki and other useful facts for all Erasmus incoming students.

This guide was prepared by Efthimios Kappos, Assoc. Professor, at the School of Mathematics of the University, and is edited and updated by Panagiotis Batakidis, Assistant Professor at the School of Mathematics.

The preparation of the present guide was made possible by funds provided by the Aristotle University of Thessaloniki.

# The ECTS System and Services to Students

## A. General Introduction

ECTS, the European Credit Transfer System, was implemented by the European Commission to develop procedures for organizing and improving academic recognition of studies abroad. Using commonly understood measurements -- credits and grades-- ECTS provides a means to interpret national systems of credit allocation, compare students learning achievements and transfer credit units from one institution to another. The ECTS system includes three core elements: *information* (on study programs and student achievement), *mutual agreement* (between the partner institutions and the student) and *the use of ECTS credits* (to indicate student workload). Each ECTS department describes the courses it offers, not only in terms of content, but also assigning credits to each course.

The ECTS system is based on voluntary participation and a climate of mutual trust and confidence in the academic performance of partner institutions. The rules of ECTS are set out to create transparency, to build bridges between institutions, to enable studies abroad and to widen the choices available to students.

ECTS provides transparency through the following means:

- The *information package*, which supplies written information to students and staff on institution, schools/faculties, the organization and structure of studies and course units.
- *ECTS credits* which are a numerical value allocated to course units to describe the *student* workload required to complete them.
- The *transcript of records*, which shows students' learning achievements in a way which is comprehensive, commonly understood and easily transferable from one institution to another.
- The *learning agreement*, covering the programme of study to be undertaken and the ECTS credits to be awarded for their satisfactory completion, committing both home and host institutions, as well as the student.

## B. The ECTS Credits

ECTS credits are a numerical value (between 1 and 60) allocated to course units to describe the student workload required to complete them. They reflect the quantity of work each course unit requires in relation to the total quantity of work necessary to complete a full year of academic study at the institution, that is, lecture, practical work, seminars, tutorials, fieldwork, private study - in the library or at home - and examinations or other assessment activities. ECTS is thus based on a full student workload and not limited to contact hours only.

From the 60 credits, which represent the workload of a full year of study, normally 30 credits are given for one semester. It is important to indicate that no special courses are set up for ECTS purposes, but that all ECTS courses are regular courses of the participating institution, as followed by home students under normal regulations.

It is up to the participating institutions to subdivide the credits for the different courses. ECTS credits should be allocated to all the course units available, whether compulsory or elective. Credits can also be allocated to project work, thesis and industrial placements, where these "units" are a normal part of the degree program. Practical placements and optional courses, which do not form an integral part of the course of study, do not receive academic credit. Non-credit courses may, however, be mentioned in the transcript of records.

Credits are awarded only when the course has been completed and all required examinations have been successfully taken.

### **C. ECTS/ Erasmus+ Students**

The students participating in ECTS will receive full credit for all academic work successfully carried out at any of the ECTS partner institution and they will be able to transfer these academic credits from one participating institution to another, on the basis of prior learning agreement on the content of study programσ abroad between students and the institutions involved.

All students of the participating schools who are willing to take part in the ECTS Pilot Scheme may do so provided their institution agrees, subject to limits of available places.

Students selected by each institution to participate in ECTS may only be awarded a student mobility grant if they fulfil the general conditions of eligibility for the ERASMUS grant. These are:

- Students must be citizens of one of the EU Member States or citizens of one of the EFTA countries (or recognized by one member State or one EFTA country as having an official status of refugee or stateless person or permanent resident); as to EFTA nationals, students will be eligible provided they are moving within the framework of ERASMUS from the respective EFTA home country to an EU Member State. EFTA nationals registered as students in ECTS participating institutions in other EFTA countries or in Community Member States are only eligible for participation in ECTS if they have established a right of permanent residence.
- Students shall not require to pay tuition fees at the host institution; the student may, however, be required to continue to pay his/her normal tuition fees to the home institution during the study period abroad;
- The national grand/loan to which a student may be entitled for study at his/her institution may not be discontinued, interrupted or reduced while the student is studying in another Member State and is receiving an ERASMUS grant;
- One study period abroad should not last less than three months or more than one year;
- Students in the first year of their studies are not eligible for receiving ERASMUS grants.

Most students participating in ECTS will go to one single host institution in one single EU Member State, study there for a limited period and then return to their home institution. Some may decide to stay at the host institution, possibly to gain a degree. Some may also decide to proceed to a third institution to continue their studies. In each of these three cases, students will be required to comply with the legal and institutional requirements of the country and institution where they take their degree.

When the three parties involved – the student, the home institution and the host institution – agree about the study program abroad, they sign a learning agreement attached to the application form. This agreement, which describes the program of the study abroad, must be signed before the student leaves for the host institution. Good practice in the use of the agreement is a vitally important aspect of ECTS.

The home institution provides the student with a guarantee that the home institution will give full academic recognition in respect of the course units listed on the agreement.

The host institution confirms that the program of the study is acceptable and does not conflict with the host institution's rules.

Students may have to modify the agreed program of study upon arrival at the host institution for a variety of reasons: timetable clashes, unsuitability of chosen courses (in level or content) etc. The learning agreement form therefore provides for changes to the original agreed study program/learning agreement.

It must be stressed that changes to the original agreed program of study should be made within a relatively short time after the student's arrival at the host institution. A copy of the new learning agreement should be given to the student and the coordinator of the home and host institutions.

When the student has successfully completed the study program previously agreed between the home and the host institutions and returns to the home institution, credit transfer will take place, and the student will continue the study course at the home institution without any loss of time or credit. If, on the other hand, the student decides to stay at the host institution and to take a degree there, he or she may have to adapt the study course due to the legal, institutional and school's rules in the host country, institution and school.

## **USEFUL SERVICES TO STUDENTS**

Anyone studying at Aristotle University of Thessaloniki may request the assistance of University services, such as the ones listed below, in order to solve any problem they may face during their studies. They can also themselves become volunteers, by offering their services to their colleagues or to fellow students in need.

### **Social Policy and Health Committee**

The Social Policy and Health Committee (SPHC) aims to create conditions that will make the University an academic area accessible to all members of the university community, giving priority to space accessibility of disabled persons. For this reason, qualified members of the teaching staff can train students with visual

impairment to use electronic equipment linked with Braille printers installed in some of the University libraries. The SPHC tries its best to ensure the granting of books with voice output to such students.

The SPHC also provides a bus for disabled persons, in order to facilitate their movement around campus for classes and exams during the academic year. In this context, the University has created a Program for the Promotion of Self-Help, which is run by a team of volunteers, the majority of whom are students. Email: [selfhelp@auth.gr](mailto:selfhelp@auth.gr)

Some years ago, the Social Policy and Health Committee established the institution of Voluntary Blood Donation, which also led to the creation of a Blood Bank in AHEPA hospital. Since May 2007, a second Blood Bank was founded in the Department of Physical Education in Serres, with the collaboration of the Social Policy and Health Committee and the General Hospital of Serres. Voluntary blood donation takes place twice a year, during the months of November and April, at the Ceremonial Hall of Aristotle University. The immediate target is to cover all needs for blood through voluntary blood donation, and currently covers 40% of total needs. Volunteering for blood donation, which is a safe procedure, without complications, is open to every person above 18 years of age who does not have any special health problems.

Email: [socialcom@ad.auth.gr](mailto:socialcom@ad.auth.gr) [fititikiline@ad.auth.gr](mailto:fititikiline@ad.auth.gr)

Website: <http://spc.web.auth.gr>

Tel / Fax: 2310 995386, 2310 995360

### **Observatory for the Academic Progress of Students belonging to Vulnerable Social Groups**

The role of this Observatory is to assist:

- Students with disabilities
- Foreign students
- Minority students, foreign students of Greek descent or repatriated students
- Any other category of students who face problems hindering their studies

The above mentioned students can inform directly the Observatory – and also inform the Student Advisors of their Department – of any serious problem that they might face in the course of their studies, which arise either because of their disability or because of cultural, language or health problems.

Email: [stud-observ@ad.auth.gr](mailto:stud-observ@ad.auth.gr)

Website: <http://acobservatory.web.auth.gr>

Tel./Fax: 2310.995360

### **Counselling and Psychological Support Committee**

The Counselling and Psychological Support Committee (PSC) aims to coordinate the organization and function of the university units that offer psychological assistance and counselling to AUTH students.

The services provided by the University Centre for Counselling and Psychological Support are offered to students and university staff alike.

The Committee works closely with other related Committees and organizes dialogue workshops with students, as well as with the administrative and other staff of the university community.

Among the future aims of the PSC is the operation of a campus hotline, in order to provide immediate assistance to people in crisis and to those facing personal difficulties that could feel safer to talk about their problems in anonymity and in the absence of visual contact.

PSC is located on the ground floor of the Lower University Student Club, in the Sanitary Service Section, offices 5 & 8.

Email: [vpapadot@ad.auth.gr](mailto:vpapadot@ad.auth.gr)

Tel.: 2310 992643 & 2310992621

Fax: 2310 992607 & 210992621

### **Volunteer Committee**

The Volunteer Committee has as its main goal to promote to the members of the university community of AUTH the idea of volunteering as a contemporary social imperative.

The Volunteer Committee has as its motivation the improvement of the daily life of everyone working in Aristotle University, students and teaching and administrative staff, in areas such as student affairs, environmental issues and social aid. It encourages all members of the university community to take the initiative, by submitting ideas and suggestions.

A number of cells of volunteers in various Departments and Faculties have already been created to this end, consisting of a faculty member and a student, in order to develop a body of volunteers in each Department / Faculty of AUTH.

Email: [vrect-ac-secretary@auth.gr](mailto:vrect-ac-secretary@auth.gr)

Tel: 2310996713, 996708

Fax: 2310996729

## GENERAL INFORMATION ON THESSALONIKI AND A.U.Th.

### A. Brief History of Thessaloniki and its Cultural Life

One of Europe's most ancient cities, and the second largest city in Greece, Thessaloniki was founded ca.315 BC by Cassander, King of Macedonia, who named it in honour of his wife, Thessaloniki, half-sister of Alexander the Great. It rapidly grew into the most important city in the kingdom, and its principal commercial port.

Macedonia had been a centre of intellectual and educational activity since the age of mythology. During the reign of kings Perdikkas II and Archelaos I (438-399 BC), many important figures of Hellenic civilisation made their way to Macedonia, among them Hippocrates, the poet Melanippides, the tragic poets Euripides and Agathon, the epic poet Choirilos, the musician Timotheos and the painter Zeuxis.

Next came Aristotle, arguably the greatest of all the Greek philosophers. A native of the town of Stageira, not far from Thessaloniki on the Chalkidiki peninsula, his students included Alexander the Great, who was to carry Hellenic civilisation to most of the then known world.

During the Roman age, Thessaloniki was famous for its epigrammatists: Antipatros, Philippos and Epigonos. Saint Paul preached in Thessaloniki; and it was at nearby Philippi that in the year 50 of the Common Era he founded the first Christian Church in Europe. The *Epistles to the Thessalonians*, the two letters he later wrote to the people of Thessaloniki, are among the earliest documents of Christian writing.

With the foundation of the Byzantine Empire, Thessaloniki became its second urban centre, fostering and developing the intellectual and artistic movements that earned it the appellation of "the Athens of Medieval Hellenism". Unfortunately, there are very few documentary references to the learned institutions that flourished here during this period, and what does exist is tucked away in local monasteries. Those who have studied the history of the city, however, affirm that Thessaloniki never ceased to be a centre of learning. The continuous development of the arts and sciences in the city was further supported by the presence, from the 11th century onwards, of numerous Orthodox monasteries in the surrounding area and on Mount Athos.

When Thessaloniki fell to the Ottomans, most of its leading lights fled to the Christian West. The city continued to be an important centre of Jewish life and culture, especially after the arrival of a large Sephardic community escaping persecution from Spain in the 15th century. During this period the little progress made in Greek education took place in the nearby Mount Athos, culminating in the foundation in 1749 at Karyes of the Athonite School, where students were taught theology, philosophy, Latin, mathematics and - for the first time - physics (by Evgenios Voulgaris).

It was not until the end of the 19th century, in the last years of the reign of Sultan Hamid II, that the Ottomans state assumed responsibility for education. In 1879 it founded a High School in Thessaloniki so that government officials would be trained there. The building that housed it is now the Old Building of the University's School of

Philosophy.

A victorious Greek army took Thessaloniki on October 26, 1912 at the end of the First Balkan War.

The year 1912 marked the beginning of a new period in Thessaloniki's economic, social and cultural life, one that turned the city, now part of Greece, into the economic, political and cultural capital of Macedonia and Thrace and the second largest and most important city in Greece.

When it was founded in 1926, the Aristotle University of Thessaloniki opened its doors to just 65 students: by 1960, the student body had grown to 9000, climbing to 37,000 in 1976, while today it numbers more than 60,000 students. The city of Thessaloniki now has two other universities, the "University of Macedonia" and the "International Hellenic University" and one technological institute the "Alexander Technological Educational Institute of Thessaloniki".

In the city there are numerous libraries, a variety of fine cultural and intellectual centres and institutions, museums, sculpture and art galleries, public and private theatres, conservatories and symphony orchestras. It also hosts a wealth of scientific and artistic events, especially during the annual "Dimitria" Festival.

Some of the features of the economic activity of the city, which has developed into one of the most important trade and communications centres in south-eastern Europe, are the Port with its Free Zone, the European Centre for the Development of Vocational Training (CEDEFOP), "Makedonia" International Airport, and HELEXPO, the International Trade Fair Exhibition Centre. More information is available in <http://www.thessaloniki.gr>

## **B. The Aristotle University of Thessaloniki**

The University of Thessaloniki was founded under the First Hellenic Republic, when the Fourth National Assembly passed a motion introduced by Alexandros Papanastasiou into law on June 14, 1925. Statute 3341 instituted five Schools: Theology, Philosophy, Law and Economics, Physics and Mathematics, and Medicine. To these were soon added Schools of Agronomy and Forestry, Veterinary Science, Engineering, and Dentistry.

The first to open its doors, in 1926, was the School of Philosophy (Faculty of Arts). This was followed a year later by the School of Physical and Mathematical Sciences, initially having only a School of Forestry, but by the 1928-29 academic year the Schools of Physics, Mathematics and Agronomy were added. The School of Law and Economics was also established in two stages, with the Faculty of Law in 1928-29 and the Faculty of Political and Economic Sciences a year later. In 1937 the Schools of Forestry and Agronomy were separated from the School of Physics and Mathematics and re-constituted as the School of Forestry and Agronomy. The School of Physics and Mathematics continued to grow, with the successive addition of the Schools of Chemistry, Natural Science (abolished in 1975-76), Pharmacology and in 1973-74, Biology and Geology. The Schools of Medicine and Theology, instituted by the original Law, opened in 1942. A Faculty of Dentistry was established in 1959-60 as

part of the School of Medicine, but in 1970 broke off and instituted itself as a separate School in the following academic year (1970-71). The School of Veterinary Science - the only one in Greece - was founded in 1950. The School of Engineering, opened in 1955-56 with a single School of Civil Engineering, and successively expanded by the addition of the Schools of Architecture (1957-58), Agronomic and Survey Engineering (1962-63), Chemical Engineering (1972-73) and Electrical and Mechanical Engineering (1972-73), this last being divided four years later into a School of Electrical Engineering and a School of Mechanical Engineering.

The years 1951-52 saw the foundation of the Institute of Foreign Languages and Literatures, attached to the School of Philosophy; the School of English Language and Literature, inaugurated that same year, was followed three years later by the School of French Language and Literature and in 1960-61 by the corresponding Schools for Italian and German Language and Literature.

The Aristotle University of Thessaloniki is now the largest university in Greece, with over 60,000 students, a faculty of around 2000, 195 special educational staff, and 296 supplementary teaching personnel. The University also has a special technical administrative staff of around 700.

The University campus, where most of the university services are located, occupies an area of 43 hectares in the centre of the city. However, the particular requirements of certain of its schools, in conjunction with the already overcrowded campus, have led to the development of new installations - some still under construction and some already in use - with an eye to the future. Some of these off-campus buildings are located outside the city proper: the School of Fine Arts and the School of Physical Education and Sports, for example, will be located on a 20 hectare site near Themi; while the School of Forestry and Environmental Science has moved to premises in the Finikas area.

The law "On the structure and operation of the Greek Universities", which came into effect in the academic year 1982-83 and has subsequently been supplemented and modified by later legislation, introduced major changes in the structure and administration of the University and in its curriculum. The School of Physics and Mathematics, renamed the School of Sciences, has since the 1992-93 academic year included a School of Informatics. Today, the Aristotle University of Thessaloniki comprises the following Faculties and Schools:

**1) Faculty of Theology:**

- \* School of Theology
- \* School of Ecclesiastical and Social Theology

**2) Faculty of Philosophy:**

- \* School of Philology
- \* School of History and Archaeology
- \* School of Philosophy and Pedagogy
- \* School of Psychology
- \* School of English Language and Literature
- \* School of French Language and Literature
- \* School of German Language and Literature

- \* School of Italian Language and Literature
- 3) **Faculty of Sciences:**
  - \* School of Mathematics
  - \* School of Physics
  - \* School of Chemistry
  - \* School of Biology
  - \* School of Geology
  - \* School of Informatics
- 4) **Faculty of Law, Economics and Political Sciences:**
  - \* School of Law
  - \* School of Economics
  - \* School of Political Sciences
- 5) **Faculty of Agriculture**
- 6) **Faculty of Forestry and Natural Environment**
- 7) **Faculty of Veterinary Medicine**
- 8) **Faculty of Medicine**
- 9) **Faculty of Dentistry**
- 10) **Faculty of Engineering:**
  - \* School of Civil Engineering
  - \* School of Architecture
  - \* School of Rural and Surveying Engineering
  - \* School of Mechanical Engineering
  - \* School of Electrical and Computer Engineering
  - \* School of Chemical Engineering
  - \* School of Mathematics, Physics and Computational Sciences
  - \* School of Urban-Regional Planning and Development Engineering (Veroia)
- 11) **Faculty of Fine Arts:**
  - \* School of Visual and Applied Arts
  - \* School of Music Studies
  - \* School of Drama
  - \* School of Film Studies
- 12) **Faculty of Education:**
  - \* School of Primary Education
  - \* School of Early Childhood Education
- 13) **Independent Schools:**
  - \* School of Pharmacy
  - \* School of Physical Education and Sports Sciences
  - \* School of Physical Education and Sports Sciences (Serres)
  - School of Journalism and Mass Media Studies.

There are also the following University Units

  - 1) School of Modern Greek Language
  - 2) Institute of Modern Greek Studies
  - 3) Centre for Byzantine Research

Each of these Schools offers at least a Bachelor's degree (*ptychio* in Greek).

The School of Modern Greek Language offers both regular semester courses and intensive winter and summer programmes. Its programmes are addressed to the foreign students attending the University.

The “Manolis Triantafyllidis” Institute of Modern Greek Studies is set up to study and cultivate Demotic Modern Greek and Modern Greek Literature.

The Aristotle University of Thessaloniki is a State University under the responsibility of the Ministry of Education. The decision-making bodies are:

1. **The Senate.**

Consists of the Rector, the three Vice-Rectors, the Deans of all the Schools, the Chairmen of all the Schools, representatives of the faculty, the technical administrative staff and the graduate student body, plus one undergraduate representative from each School.

2. **The Rector’s Council.**

Consists of the Rector, the three Vice-Rectors, one student representative and the University Registrar.

3. **The Rector.**

For the years 2019-2024, the Rector is Professor N. Papaioannou and the Vice-Rectors are Professors Kovaïos, Feidas, Giannakoudakis and Stylianidis

The respective faculty general assemblies take decisions on the academic affairs of each School. There is also student participation on issues of their concern. More information is available in <http://www.auth.gr>

## STUDENT PRACTICAL INFORMATION

### A. Freshman Registration

Every year, about 200 students are admitted to the School of Mathematics strictly on the basis of their performance in the National Entrance Examinations administered by the Ministry of Education. There is a limited number of places reserved for transfer students, who are admitted after special examinations conducted by the University during the fall semester. Students at the Greek Universities pay no tuition and receive all textbooks for their courses free of charge. A limited number of places at state-sponsored dormitories are available. Free meals are also offered to all registered students in the student mess hall. Financial aid in the form of honorary scholarships is available. Some of these grants are given to students strictly on the basis of academic performance regardless of financial need, while others are offered only to needy students who have demonstrated a highly satisfactory academic performance.

Successful candidates are invited to register within a time period fixed by the Ministry of Education, and are notified to this effect by means of a Presidential Decree issued each year and also published in the media.

No student already enrolled in any University School or School in Greece or elsewhere may be registered unless their prior registration is cancelled.

### B. The Academic Year

All University of Thessaloniki programmes are structured on a semester system, with two Semesters (Winter and Spring) of thirteen teaching weeks each in one academic year.

In the Academic Year 2020-2021, the Winter semester begins on October 1<sup>st</sup> and ends on January 15<sup>th</sup>, while the Spring semester begins on February 15<sup>th</sup> and ends on June 4<sup>th</sup>.

There are three examination sessions annually, each lasting three weeks: the January session beginning on January 25<sup>th</sup>, and ends on February 12<sup>th</sup>, the June session beginning on June 7<sup>th</sup>, and ends on June 25<sup>th</sup>, and the September session beginning on September 1<sup>st</sup> and ends on September 22<sup>nd</sup> 2021.

No lectures are given on the following official holidays: October 26<sup>th</sup>, October 28<sup>th</sup>, November 17, January 30<sup>th</sup>, March 25<sup>th</sup>, May 1<sup>st</sup>, and June 21<sup>st</sup>, and during the following holiday periods:

- Christmas and New Year's (from December 24<sup>th</sup> to January 7<sup>th</sup>).
- Carnival (from March 11<sup>th</sup> to March 16<sup>th</sup>).
- Easter (from April 26<sup>th</sup> to May 9<sup>th</sup>).

### C. Libraries - Reading Rooms

The University Library comprises the Central Library and its Library Branches, which are associated to University Departments, Laboratories, Reading Rooms and Clinics. The **Central Library Building** has a Faculty Reading Room, a Central Reading

Room on the ground floor and a Student Reading Room on the first floor.

The Central Reading Room is open to students for work relating to assigned projects; students must apply to the Administration for a special pass, presenting the authorization note signed by the professor who assigned the work.

The Student Reading Room is open to all students in the University, and may be used for work on students' own books, textbooks, or the reference material available in the Reading Room itself. It is open morning and afternoon at the hours posted there.

The integration of the University Library into the Ptolemy II Library Network, begun in 1995, is expected to be completed soon; this will provide access to library materials via any computer hooked up to the system.

Anyone with access to the University network can freely browse the holdings of the libraries of the University of Thessaloniki and the University of Crete. The address is <http://www.lib.auth.gr>

### D. The University Student Union and its Services

Student services are provided at the University Student Union, located in the eastern sector of the University Campus.

The Student Union building houses restaurants, a health service, a reading room, a cafeteria, a barber shop, a hairdresser's with special student rates etc.

Board is provided subject to certain conditions; applications must be accompanied by the requisite documentation. Full details may be obtained from the Student Union offices.

Health care (medical, pharmaceutical and hospital) is provided for all undergraduate and post-graduate students. Students not already covered, directly or indirectly, by some other health care plan are issued Health Care Books upon registration. If a Health Book is lost, it may be replaced after an interval of two months. If this replacement book is lost, then a new one will be issued after the beginning of the following academic year.

### E. Student Residences

There are three Student Residences on campus: Residence A, Residence B and Residence C. Admittance to these residences is subject to certain conditions, and applications must be accompanied by the proper documents. Full details are available from the USC Offices.

## **F. Cultural Activities**

On-campus organizations include theatre, film and chess clubs, as well as the traditional Greek dance group and the football, basketball and volleyball teams, all of which organize various events.

In addition, given that the University is located in the heart of Thessaloniki, students have the opportunity to enjoy the wealth and diversity of events that contribute to the artistic and cultural life of this great city.

## **G. University Gymnasium**

Students may use the facilities of the University Gymnasium, located in the eastern sector of the campus. Information: at the Secretariat of the Gymnasium.

Covering about 9 hectares, the University Gymnasium facilities provide all members of the University, students and faculty alike, with opportunities for physical exercise. Varsity teams in various sports represent the University in competitions both in Greece and abroad. There is also a traditional Greek folk dance group.

## **H. Public Transport (Student Discount Card)**

Undergraduate and postgraduate students are entitled to a discount on domestic coach, rail and airfares.

At the time of registration, the Secretariat of each School will provide any student entitled to such discount with an interim special pass, valid for the named holder only and for one academic year. If this pass is lost, stolen or destroyed (for whatever reason), the student must declare its loss, theft or destruction to the Secretariat and a new card will be issued, after an interval of two months to allow for investigation into the circumstances of the said loss, theft or destruction.

The discount is valid for the duration of the academic year and for as many years as are normally required to complete the course of study, plus half that period again.

The discount granted is fixed by Ministerial decision on the basis of current fares for each form of transportation.

## **I. Accommodation for Erasmus+ Students**

The Aristotle University of Thessaloniki can provide accommodation for Erasmus+ students upon request. Students should ensure that the Secretariat of EEC European Educational Program receives their applications at least three months before the beginning of the semester.

In all schools, registration dates are: September 1-30 for the winter semester and January 1-31 for the spring semester.

The Senate has resolved that ERASMUS students are to be treated as home students; this means that they have the same rights and obligations as Greek students, including:

- 1) Free registration, tuition and books,
- 2) Discount card for urban and inter-urban transportation,
- 3) Health insurance card and free hospitalization and medication,
- 4) Free meals in the Student Refectory.

In addition, the University has reserved some places in special dormitories, which are available to Erasmus students for a small rental fee. The rent is payable by the week so that it is possible for the Erasmus student to stay in the dormitory for as long a period of time as he or she wishes or until he or she finds another arrangement.

For ERASMUS-ECTS students who wish to prepare for their studies in Greece, the University offers intensive and regular Greek Language courses.

The intensive courses are one month long; these run from mid-September to mid-October and from early February to early March. For ECTS students, payment of the fees is covered by the University.

The regular courses (Beginners, Intermediate, and Advanced level) are year-long courses and free of charge. These programs focus on the teaching of the Modern Greek Language, and touch on aspects of Greek civilization and culture. Each of the three levels covers four (teaching) hours a day, five days a week.

A certificate of attendance is delivered at the end of the program.

ERASMUS students may also, if they wish, follow the regular semester courses offered by the Modern Greek Language School. (For further information: School of Modern Greek Language, AUTH 54124 Thessaloniki, Tel: 0030-2310-997571/ 0030-2310-997572, fax: 0030-2310-997573, <http://www.gls.edu.gr>).

The Office of European Education Programs is situated on the ground floor of the Administration Building. Opening hours: 08.00 – 14.30. Tel.: 0030-2310-995291, 5293, 5289, 5306. Fax: 0030-2310-995292.

## THE SCHOOL OF MATHEMATICS

The School of Mathematics was established in 1928; together with the Schools of Physics, Chemistry, Biology, Geology and Informatics, it is one of the six Schools of the Faculty of Sciences.

For administrative purposes, the School of Mathematics is sub-divided into the following five Departments:

1. Algebra, Number Theory and Mathematical Logic
2. Mathematical Analysis
3. Geometry
4. Numerical Analysis and Computer Sciences
5. Statistics and Operations Research

### A. Administrative Structure

#### 1. The Head of the School.

#### 2. The Administrative Board.

It consists of the Head, the Deputy Head of the School and the five Department Heads, plus two student representatives.

#### 3. The School's Council.

The School's Council comprises the teaching staff (20 faculty members) and student representatives.

#### Information:

Department of Mathematics

Head of Department: Professor Dimitrios Poulakis

Academic Secretary: A. Stergiou

Aristotle University of the Thessaloniki

Thessaloniki, Greece 54124

Tel.: 0030-2310-997920

0030-2310-997950

Fax: 0030-2310-997952

#### Erasmus Program

The ERASMUS Coordinator of the School is:

Panagiotis Batakidis

[batakidis@math.auth.gr](mailto:batakidis@math.auth.gr)

Tel: +30-2310-997965

The Deputy ERASMUS Coordinator is:

Euthimios Kappos

[kappos@math.auth.gr](mailto:kappos@math.auth.gr)

Tel: +30 2310 997958

## B. The Staff

|   |
|---|
| <b>SECTION OF ALGEBRA, NUMBER THEORY AND MATHEMATICAL LOGIC</b> |
|---|

|                      |   |
|----------------------|---|
| Professors           | Charalambous, H.<br>Papistas, A.                  |
| Assistant Professors | Psaroudakis Ch. (Head of Section)<br>Souldatos I. |
| Teaching Staff       | Alvanos, P.<br>Vavatsoulas, Ch.                   |
| Section Secretary    | Tsitsilianou M.                                   |

|   |
|---|
| <b>SECTION OF MATHEMATICAL ANALYSIS</b> |
|---|

|                      |  |
|----------------------|--|
| Professors           | Betsakos, D.<br>Siskakis, A. (Head of Section) |
| Associate Professor  | R. D. Malikiosis                               |
| Assistant Professors | Fotiadis, A<br><br>Galanopoulos, P.            |
| Section Secretary    | Tsitsilianou M.                                |

|                            |
|----------------------------|
| <b>SECTION OF GEOMETRY</b> |
|----------------------------|

|                      |  |
|----------------------|--|
| Associate Professors | Kappos, E.                                       |
| Assistant Professors | Batakidis, P.<br>Petalidou, F. (Head of Section) |
| Section Secretary    | Tsitsilianou, M.                                 |



|                          |
|--------------------------|
| <b>SECRETARIAL STAFF</b> |
|--------------------------|

|                    |                                      |
|--------------------|--------------------------------------|
| Secretary          | Stergiou, A. Tel: +30 2310 997920    |
| Secretarial staff: | Mantzouni, G. Tel: +30 2310 997920   |
|                    | Sotiriadou, A. Tel: +30 2310 997842  |
|                    | Tsianaka, O. Tel: +30 2310 997983    |
|                    | Tsitsilianou M. Tel: +30 2310 998096 |

Mailing Address:

School of Mathematics  
Aristotle University of Thessaloniki  
Thessaloniki 54124  
Greece

### C. Library

The Library of the School of Mathematics, located in the western wing of the Sciences Building (Building 22), has a collection of more than 25,000 titles, and subscribes to 396 periodicals. Open Monday to Thursday from 9:00 until 18:00, and until 15:00 on Friday.

Lending facilities are restricted. Some books, chiefly textbooks used in the School, may be taken out upon presentation of the student's ordinary or student identity card.

Other books and all periodicals must be read in the Library Reading Room.

The contact email address is [libmath@auth.gr](mailto:libmath@auth.gr)

### D. Computer Facilities

Information on the Mathematics School is also available via Internet, at:

**[http:// www.math.auth.gr](http://www.math.auth.gr)**

Students may use the computers in the Informatics Laboratory on the first floor of the Biology building.

The School also operates an FTP Server that provides, free of charge, a variety of software on different computer platforms. The address is:

**[ftp:// ftp.math.auth.gr](ftp://ftp.math.auth.gr)**

## E. Registration for Examinations

Students **must** register for examination in **all** courses they are taking (compulsory, compulsory elective, elective and free elective—see below) at the beginning of each semester. This is done electronically on the site of the School, within a period specified by the Secretariat. The number of courses for which students may register is limited.

Students who do not register for their chosen courses in time will not be eligible to take the final exams. In the January and June examination sessions, students are admitted **only** to examinations in the courses registered for at the beginning of that semester; in the September examination session, students are eligible for examination in courses for which they were registered in either of the two semesters of the academic year just completed.

A student who fails in any course may **re-register** for the same course in any semester when that course is taught (or in the conjugate semester, for students in their 8th or subsequent semester).

## F. Undergraduate Program of Studies

The Undergraduate Program in Mathematics is structured over eight semesters, and leads to the degree of “Diploma of Mathematics” (Ptychio).

There are four kinds of courses: *compulsory*, *compulsory electives*, *electives and free electives*. In order to complete the program and be awarded the Diploma, students must successfully pass all the 24 compulsory courses plus 4 compulsory elective courses from four different departments and 12 elective courses. Of the elective courses, not more than 5 can be free elective. The total number of ECTS credits earned from all these courses must be at least 240.

The list of courses at the Department of Mathematics is dynamic and although the core courses are the same each year, several courses are added or removed.

The final list is decided (with 95% accuracy as last minute changes always happen) during the summer before each academic year.

To check the courses offered this year, visit the following link

[https://qa.auth.gr/en/search/course/acad\\_year~2020/faculty\\_id~5/period~1/POS~40000118/school-level~11-1/erasmus~1](https://qa.auth.gr/en/search/course/acad_year~2020/faculty_id~5/period~1/POS~40000118/school-level~11-1/erasmus~1)

for courses in the Winter Semester (beginning of October- end of January), and the link

[https://qa.auth.gr/en/search/course/acad\\_year~2020/faculty\\_id~5/period~2/POS~40000118/school-level~11-1/erasmus~1](https://qa.auth.gr/en/search/course/acad_year~2020/faculty_id~5/period~2/POS~40000118/school-level~11-1/erasmus~1)

for the Spring Semester (middle of February – middle of June).

You can use the generic search engine <https://qa.auth.gr/en/search/course>

to find any course at A.U.Th. For courses in the Department of Mathematics, choose successively: Faculty (Sciences), School (Mathematics), your level of study (make sure it

is included in the agreement of your Department with A.U.Th.), the academic year (current or past) and the period of your visit: Winter or Spring.

Don't forget to check the box "For Erasmus Students" to make sure that you see the courses offered to incoming Erasmus students.

It is always better to check this list just before you fill in your Learning Agreement so that you get the latest update. To see the details (contents, instructor, method of examination) of each course, just click on the corresponding link at the list above.

Note that in the Department of Mathematics there are no classes taught in English (except the English Language course). What we usually do is to provide reading material in English and/or set up meetings with the students for question/guidance through the material. Exercises, homework and etc are also provided depending on the class. It is recommended that you inform the corresponding instructor about your intention to take the class (provided this does appear in the list above) with an email.

As said before, last minute changes in the list of courses offered are possible, contact the Erasmus+ Coordinator at the Department of Mathematics, P. Batakidis at [batakidis@math.auth.gr](mailto:batakidis@math.auth.gr), if some course you had seen in the list is missing at a later stage.

## **G. Postgraduate Program of Study**

The School of Mathematics of the Aristotle University of Thessaloniki offers (in its current form, since 2019) the postgraduate program in «**Mathematics**».

The postgraduate program in «**Mathematics**» leads to the award of a Master's Degree or a Doctorate in Mathematics. The objective of the program is the advancement of knowledge and the development of mathematical research and applications.

The Master's Degree has the following three tracks:

- 1. Pure Mathematics.**
- 2. Statistics and Mathematical Modelling.**
- 3. Theoretical Computer Science and Control and Systems Theory.**

The nominal duration of the Master's Degree on Mathematics is three semesters of study. Students are expected to complete the coursework during the first two semesters and prepare a Master's Degree dissertation during the third semester. The School started offering a part-time option for study for students who are employed (consult the Regulations of the Program).

The requirements for the award of the Master's Degree are:

1. For the «Pure Mathematics» track: satisfactory completion of at least 6 courses from categories A, B, C which must include one each from A, B, C of this track.
2. For the «Statistics and Mathematical Modelling» track: satisfactory completion of at

- least 6 courses from the category SM.
3. For the «Theoretical Computer Science and Control Theory» track: satisfactory completion of at least 6 courses from categories A and B, containing at least one each from the categories A and B of this track.

To see the updated list of graduate courses offered this year you can use the generic search engine <https://qa.auth.gr/en/search/course> to find any course at A.U.Th.

For courses in the Department of Mathematics in particular, choose successively: Faculty (Sciences), School (Mathematics), level of study (postgraduate), the academic year (current or past) and the period of your visit: Winter or Spring.

Don't forget to check the box "For Erasmus Students" to make sure that you see the courses offered to incoming Erasmus students.

It is always better to check this list just before you fill in your Learning Agreement so that you get the latest update. To see the details (contents, instructor, method of examination) of each course, just click on the corresponding link at the list above.

Note that in the Department of Mathematics there are no classes taught in English (except the English Language course). What we usually do is to provide reading material in English and/or set up meetings with the students for question/guidance through the material. Exercises, homework and etc are also provided depending on the class. It is recommended that you inform the corresponding instructor about your intention to take the class (provided this does appear in the list above) with an email.

As said before, last minute changes in the list of courses offered are possible, contact the Erasmus+ Coordinator at the Department of Mathematics, P. Batakidis at [batakidis@math.auth.gr](mailto:batakidis@math.auth.gr), if some course you had seen in the list is missing at a later stage.

More information on the Postgraduate Program may be obtained from the Coordinator of the Erasmus+ program, Assistant Professor P. Batakidis: [batakidis@math.auth.gr](mailto:batakidis@math.auth.gr).