UNIVERSITY OF PATRAS
Department of Mathematics

Erasmus+ Student Guide

2026–2027

A concise guide for incoming exchange students

Welcome to Mathematics in Patras

Explore mathematics, build your academic skills and take part in university life. This guide brings together the information you need to plan your studies, use university services and find support during your exchange.

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Adapted from the supplied Greek *Study Guide 2026–2027, V05*. This is a shortened English edition for Erasmus students. Course titles are translated for reference. Exchange arrangements, course availability and teaching or assessment language must be confirmed with the Department.

Plan your exchange

Your host department

The Department of Mathematics is part of the School of Natural Sciences at the University of Patras. Its teaching covers pure and applied mathematics, probability and statistics, computer science, computational mathematics and mathematical education. The undergraduate programme spans four years and eight semesters, with a total of 240 ECTS credits.

The Department shares the Biology/Mathematics building with the Department of Biology. Teaching also takes place in nearby lecture theatres and the University Administration building.

Before you arrive

1. Contact your home university and the University of Patras Erasmus service to confirm your nomination, application procedure, required documents and deadlines.
2. Ask the Department Secretariat to put you in touch with the academic Erasmus coordinator for Mathematics.
3. Use the course catalogue on pages 6–10 to prepare your proposed study programme. Check the semester, syllabus, background knowledge required and availability of each course.
4. Agree your Learning Agreement with the relevant coordinators. Confirm the language of teaching, learning materials and assessment for every course before finalising your choices.
5. Confirm your accommodation, arrival arrangements and access to student services with the relevant university offices.

Course language and availability

An English title in this guide does not establish that a course is taught or examined in English. The supplied Greek guide does not specify incoming Erasmus arrangements for individual courses. Obtain confirmation from the coordinator and course instructor, including any alternative teaching or assessment arrangements.

Academic calendar at a glance

Period	General pattern in the study guide
Winter semester	Late September to January; examinations in January/February.
Spring semester	Mid-February to late May; examinations in June.
Resit examinations	September, for courses from both semesters.

Each semester normally includes 13 teaching weeks and three examination weeks. Check the University academic calendar for exact 2026–2027 dates. Plan your stay to include the assessment period for your agreed courses.

Start here: University Erasmus information for Mathematics and the Department announcements.

Studying and assessment

ECTS and your study programme

ECTS credits represent the workload needed to achieve a course's learning outcomes. They cover lectures, tutorials, laboratory work, independent study, assignments and assessment. A full academic year corresponds to 60 ECTS and a semester to 30 ECTS. Agree your exchange workload and its recognition with your home university and the host coordinator.

The full Mathematics degree contains 19 core courses and 17 electives. Incoming exchange students should select courses through their agreed exchange study programme. The domestic degree's specialisation and graduation requirements are not a substitute for that agreement.

Registration is essential

At the start of each semester, the Department requires semester enrolment renewal and a separate course declaration within the announced deadlines. Ask the Secretariat how these steps are completed for incoming Erasmus students and ensure that all agreed courses appear in your registration record.

Check your registered courses

The study guide states that a grade cannot be recorded for a course that has not been declared for the relevant semester. Joining a course in e-class gives access to learning materials; it does not replace formal course registration. If a course has several teaching groups, confirm your assigned group and instructor.

How you will be assessed

Assessment is determined by the course instructor and may include written or oral examinations, assignments, exercises, laboratory work and interim tests. Ask for the assessment requirements and deadlines at the start of the course.

Grades use a scale from **0 to 10**, in whole or half points. The minimum passing grade is **5/10**. The Greek guide describes an institutional conversion to ECTS letter grades based on statistical data; do not assume a fixed numerical-to-letter conversion.

Winter and spring examinations cover courses taught in the corresponding semester. September is the resit period for both semesters. Confirm whether resits fit your mobility period and how any later results will be handled by the two universities.

Examinations and academic integrity

- Check the examination date, room, permitted materials and your eligibility in advance. Bring your academic identification and use the instructor assigned to your teaching group.
- Follow the instructor's rules. Do not use unauthorised notes, devices or assistance; do not copy or collaborate during an individual assessment.
- Submit your own work and clearly acknowledge ideas, text and results taken from other sources.
- If you need assessment adjustments because of a disability or a learning difficulty, contact the Department and the relevant support service early.

Results and the end of your exchange

You may ask to see your marked examination paper. Before leaving, ask the Secretariat and Erasmus service how to obtain your Transcript of Records and any required confirmation of attendance. Your home university uses the agreed study programme and official results to process recognition.

Accounts, learning and study resources

University account and email

The University issues an institutional username and password for its electronic services. Its university email accounts use the domain @ac.upatras.gr. Ask the Secretariat about activation for your exchange and use UPnet for account and network support.

Service	What it is used for
University webmail	Read messages sent to your institutional account.
Progress	Electronic Secretariat: registration, course declarations, academic records and certificate requests. Confirm your Erasmus access and procedure.
e-class	Course notes, announcements and other learning materials posted by instructors.
my.upatras.gr	University information, news and resources for daily campus life.
UPnet manuals	Instructions for email and other university digital services.

The Department also provides accounts using @student.math.upatras.gr for departmental services and computer-laboratory access. Ask whether you need this account for your courses. If one is issued, check it or its forwarding destination regularly as well as your university email.

Academic ID and certificates

The Greek guide describes an online academic-ID application through academicid.minedu.gov.gr, using university credentials. Ask the Secretariat which identification procedure and student travel benefits apply to you as an incoming exchange student.

For enrolment certificates and other study documents, ask the Secretariat about the appropriate request through Progress. Use your institutional email and include your full name and student registration number. Forms are available on the Department forms and applications page.

Library and Information Centre

The University Library is close to the Biology/Mathematics building. It offers study spaces, borrowing services and access to information resources. The guide describes free registration for members of the university community; a library user card is issued after application and presentation of academic ID or an enrolment certificate.

Search books through the Nereus catalogue and dissertations through the Nemertes repository. Check current opening hours and registration instructions on the Library website.

Computers and textbooks

The Department's Computer and Applications Laboratory supports teaching and research. Follow its equipment and network-use rules; information is available on the Computing Centre website.

Eudoxus is the national textbook service described in the Greek guide. Ask about Erasmus eligibility and obtain the instructor's recommended materials, including any available English-language resources.

Campus life, support and contacts

Finding your way

The Department is in the Biology/Mathematics building, shown as **B/M** in the Greek guide. Use the interactive building map and the Mathematics classroom directory to locate your classes. Room labels may use Greek letters; check the label against your timetable.

Student support and wellbeing

Student Welfare provides information on meals, accommodation, benefits, healthcare and accessibility. Ask about eligibility, applications and available support for your exchange. The University also has a Social Welfare service.

The Student Ombudsman mediates difficulties involving students and university bodies or services. The guide states that examination and grading matters fall outside the Ombudsman's remit.

For sport and exercise, visit the University Gym. Cultural events are hosted at the Conference and Cultural Centre.

Useful transport links

Check routes, timetables and ticket information with Patras city buses, KTEL Achaia intercity buses and the Patras suburban railway.

Department Secretariat

For registration, certificates and referral to the Mathematics Erasmus coordinator, write to secr-math@math.upatras.gr. The source also lists mathsecr@upatras.gr. When contacting the Department, state that you are an incoming Erasmus student, name your home university and give your proposed mobility semester.

Contact	Email and telephone	Office
Eftychia Polychronaki Head of Secretariat	eutuxia@math.upatras.gr +30 2610 996735	B/M 150
Maria Thomopoulou Secretariat staff	mthomopoulou@math.upatras.gr +30 2610 996198	B/M 152

Keep these pages handy

- Department of Mathematics and Department announcements.
- Full undergraduate study guide and University of Patras.
- University Erasmus information for Mathematics.

Contacts and academic information in this edition are drawn from the supplied V05 guide. Follow university announcements and coordinator instructions for your exchange.

Course catalogue

How to use the catalogue. The semester number is the suggested semester in the four-year degree: odd numbers are winter semesters and even numbers are spring semesters. Click a title to open its course page for the syllabus and related resources. Titles below are English translations; linked pages may be in Greek.

† Instructor assignment is conditional on availability in the source. All Erasmus access and language arrangements require confirmation. Course codes are displayed with Latin letters where the original uses visually equivalent Greek letters.

Semester 1 — winter

Code	Course title	ECTS
PM101	Analytic Geometry	7
PM102	Introduction to Algebra and Set Theory	8
IC102	Introduction to Computers and Programming with FORTRAN	7
PM103	Calculus I	8

Semester 2 — spring

Code	Course title	ECTS
IC101	Programming with Python	7
IC103	Discrete Mathematics	7
PM104	Linear Algebra I	8
PM105	Calculus II	8

Semester 3 — winter

Code	Course title	ECTS
IC204	Numerical Analysis I	7
ST201	Probability Theory I	8
PM106	Calculus III	8
AM201	Ordinary Differential Equations I	7

Course catalogue

† Conditional on availability in the source. Confirm course access, language and assessment with the Department.

Semester 4 — spring

Code	Course title	ECTS
PM207	Algebra I	6
AM202	Real Analysis	6
PM231	Linear Algebra II	6
AM231	Advanced Mathematics with Computer Algebra Systems	6
AM232	Ordinary Differential Equations II	6
ST231	Probability Theory II	6
IC231	Numerical Analysis II	6
IC232	Object-Oriented Programming with C++	6
DI231	Euclidean Geometry and Its Teaching†	6
PM265	Number Theory	6
OR263	Foreign Language: Academic English for Mathematicians	6
OR264	Foreign Language: French	6
OR265	Foreign Language: German	6
OR266	Foreign Language: Russian†	6
OR267	Foreign Language: Italian†	6

Semester 5 — winter

Code	Course title	ECTS
PM308	Differential Geometry I	7
AM303	Classical Mechanics	7
PM309	Mathematical Analysis	8
ST302	Statistical Inference I	8

Course catalogue

† Conditional on availability in the source. Confirm course access, language and assessment with the Department.

Semester 6 — spring

Code	Course title	ECTS
PM310	Complex Analysis	6
PM332	General Topology	6
PM333	Differential Geometry II	6
ST332	Mathematical Programming	6
ST333	Statistical Inference II	6
IC233	Mathematical Foundations of Computation Theory	6
IC235	Numerical Solution of Ordinary Differential Equations	6
DI361	Mathematical Logic	6
DI362	Introduction to Philosophy†	6
AM333	Special Relativity†	6
AM465	Topics in Mechanics†	6
ST361	Simulation Methods†	6
ST467	Actuarial Mathematics†	6

Course catalogue

† Conditional on availability in the source. Confirm course access, language and assessment with the Department.

Semester 7 — winter

Code	Course title	ECTS
PM434	Algebra II	6
PM436	Measure and Integration Theory	6
AM434	Dynamical Systems	6
AM436	Partial Differential Equations	6
ST434	Linear Models	6
ST435	Operations Research	6
ST436	Stochastic Processes	6
IC336	Data Structures	6
PM435	Geometry	6
PM437	Set Theory	6
DI463	History of Mathematics†	6
PM463	Differential Forms and Geometry	6
AM262	Analytical Mechanics†	6
AM435	Introduction to Quantum Mechanics†	6
ST438	Sampling Theory	6
ST462	Special Topics in Probability and Statistics	6
IC334	Numerical Linear Algebra	6
IC469*	Data Science	6
IC437	Operating Systems†	6
IC470*	Special Topics in Discrete Mathematics	6
IC471	Artificial Intelligence and Machine Learning†	6
OR461	Atmospheric Physics I – Meteorology I	6
OR464	Introduction to Economics†	6
AL462	Internship	2

* The source assigns IC469 to both *Data Science* (semester 7) and *Data Analytics Using Statistical Software* (semester 8); IC470 appears for both *Special Topics in Discrete Mathematics* (semester 7) and *Introduction to Reinforcement Learning* (semester 8). Confirm the correct registration codes with the Department.

Course catalogue

† Conditional on availability in the source. Confirm course access, language and assessment with the Department.

Semester 8 — spring

Code	Course title	ECTS
PM438	Functional Analysis: Spaces and Operators	6
AM438	Fourier Transform, Distributions and Applications	6
IC438	Algorithms and Complexity	6
PM462	General Topology II†	6
PM464	Elements of Commutative Algebra	6
PM465	Complex Analysis II	6
PM466	Harmonic Analysis	6
PM467	Algebraic Topology†	6
AM466	Fluid Mechanics†	6
AM467	Chaos and Fractals†	6
AM468	Introduction to Modern Physics†	6
AM470	Mathematical Biology	6
ST437	Introduction to Data Analysis	6
ST463	Nonparametric Statistics	6
ST468	Stochastic Models in Operations Research	6
IC468	Numerical Solution of Partial Differential Equations†	6
IC469*	Data Analytics Using Statistical Software†	6
IC470*	Introduction to Reinforcement Learning	6
OR462	Atmospheric Physics II – Meteorology II	6
AL461	Undergraduate Thesis	12
AL462	Internship	2

* The source assigns IC469 to both *Data Science* (semester 7) and *Data Analytics Using Statistical Software* (semester 8); IC470 appears for both *Special Topics in Discrete Mathematics* (semester 7) and *Introduction to Reinforcement Learning* (semester 8). Confirm the correct registration codes with the Department.

Special arrangements: The undergraduate thesis (AL461) runs over a full academic year. The internship (AL462), listed in both semesters 7 and 8, carries 2 ECTS which the source excludes from the host Mathematics degree total. Exchange access, supervision and recognition of either activity require separate confirmation.