

For the student who wants to pursue a PhD degree in Mathematics, a partnership between the departments of Mathematics of Faculdade de Ciências and Instituto Superior Técnico, both of Universidade de Lisboa, will be offering some PhD scholarships per year.

For more information, see

lismath.ulisboa.pt

Scientific coordinators:

Fernando Conceição Silva

fasilva@ciencias.ulisboa.pt

Teresa Faria

teresa.faria@ciencias.ulisboa.pt

Online application in:

ciencias.ulisboa.pt/candidaturas

Application dates:

June 6 to July 15, 2016 (1st call)

More information in:

ciencias.ulisboa.pt/cursos/mestrado/matematica



**MASTER
IN MATHEMATICS**

U LISBOA | UNIVERSIDADE
DE LISBOA

Secretariat:

Ana Marques

aimarques@ciencias.ulisboa.pt

Departamento de Matemática da FCUL
Campo Grande, Edifício C6, Piso 2
1749-016 Lisboa
Tel: 21 750 00 42 Fax: 21 750 00 72

All information in:

ciencias.ulisboa.pt/dm



**Ciências
ULisboa**

Matemática

Our Master program has a long history since its creation in 1986. Many university professors working nowadays in Portugal are their alumni.

The two-year Master program strives to give students a solid scientific background in Mathematics: Algebra, Analysis and Geometry are the topics of the three nuclear courses of the Master syllabus.

Nuclear courses (offered every year):

Algebra • Functional Analysis • Differentiable Manifolds

Optional courses range from pure to applied mathematics.

The second year is mostly dedicated to the writing of a dissertation, but it also includes two courses in order to maximize the choice offers of the student.

Optional courses (subject to availability):

Algebraic Number Theory • Algebraic Topology • Biomathematics • Calculus of Variations • Combinatorics • Differential Equations and Dynamical Systems • Differential Topology • Ergodic Theory • Evolution Problems • Finite Element Methods and Applications • Introduction to Algebraic Geometry • Lie Groups and Lie Algebras • Mathematical Logic • Mathematical Methods in Physics • Mathematical Physics • Multilinear Algebra • Numerical Analysis of Differential Equations • Operator Theory • Partial Differential Equations • Riemannian Geometry • Rings, Algebras and Representations • Semigroups, Automata and Languages • Stochastic Analysis • Universal Algebra

It is possible to take up to 18 ECTS in optional courses in other 2nd cycles of the University of Lisbon (say, in Mathematics of IST, ISEG, or in Physics, Statistics or Computer Sciences of FCUL) or in the 3rd cycle in Mathematics of FCUL.

The university staff who teaches the courses is very experienced and with an active scientific research life.

They are mostly members of the research units: CMAF-CIO, CEMAT-CIÊNCIAS, CEAFEL-CIÊNCIAS and GFM.

The department always tries to put together a schedule as convenient as possible for the students. Students are strongly advised to attend classes, but this is not a requirement. Students have access to course materials online in order to facilitate their study when class attendance is not possible. Teachers can also give support by email. Possible use of English as the language of instruction.