HOW ABOUT STUDYING MATHEMATICS IN BOLOGNA?

Alma Mater Studiorum Università di Bologna *aka* **UNIBO**

With its unparalleled university tradition of Alma Mater Studiorum, founded in 1088, Bologna boasts a unique history, while proving welcoming and easy to live in. University life makes Bologna one of the most vibrant campuses in Italy, rich in cultural and social events.

Incoming exchange students @unibo

If you want to add an international dimension to your education by spending a period abroad, the University of Bologna is a perfect choice for you!

UNIBO is involved in many **exchange programmes**, which provide students from all over the world with the opportunity to carry out a part of their educational programme at the University of Bologna.

UNIBO also has **international degree programmes** to foster integration among students from abroad.

Mobility programmes
at UNIBO include:

- ◉ **Erasmus+**
- ◉ **OverSeas**
- ◉ Visiting Students
- ◉ Specific Agreements
- ◉ Collegio Superiore
- ◉ Thesis Abroad

Welcome to Bologna!

The Department of Mathematics of Bologna promotes a second cycle degree in **Advanced Mathematics for Applications**. The degree programme is designed to provide a **solid theoretical background** and advanced tools, aimed at applications in areas as finance, image processing and data analysis, with an opportunity for training in industrial or academic research. Students can create their own **combination of applied and theoretical courses** in order to build a personalised profile. Examples of tailored study plans include:

- ◉ Algebra and Combinatorics
- ◉ Calculus of Variations and PDEs
- ◉ Complex and Harmonic Analysis
- ◉ Data Science

- ◉ Geometric Modelling
- ◉ Geometry and Topology
- ◉ Imaging
- ◉ Mathematical Analysis

- ◉ Mathematical Models for Science
- ◉ Mathematical Physics Models and Machine Learning
- ◉ Probability and Stochastic Analysis

BOLOGNA MATH DEPARTMENT PROMOTES
SCOLARSHIPS FOR DESERVING STUDENTS
TO ACCESS THE INTERNATIONAL DEGREE:
INFO ON THE WEBSITE: SCAN THE QRCODE AND APPLY!

FEEL FREE TO CONTACT US: MAT.DIDATTICA@UNIBO.IT