

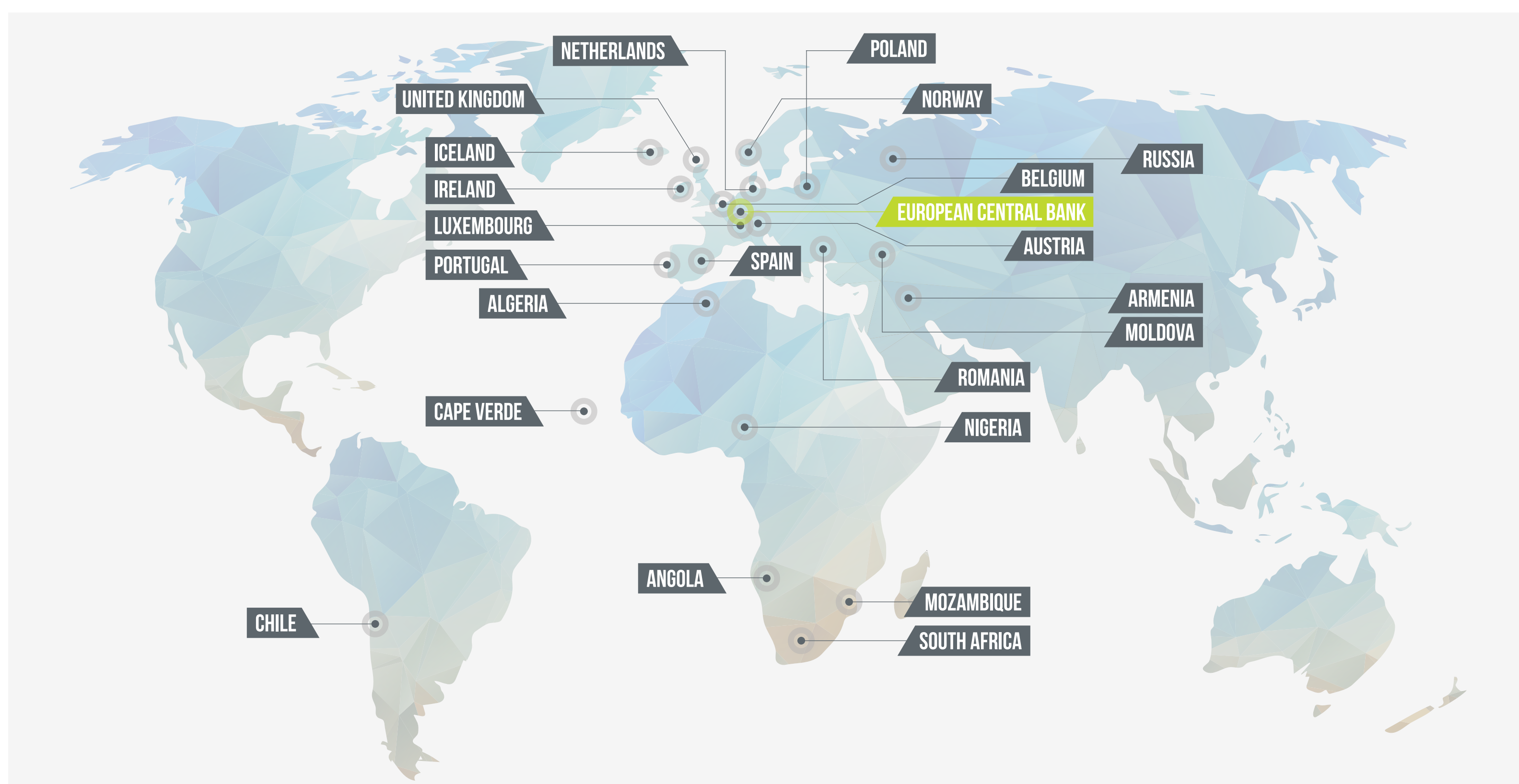
NOVA IMS

NOVA Information Management School (NOVA IMS) is an academic unit of Universidade Nova de Lisboa. It offers bachelor, postgraduate, master and doctoral programmes in statistics, information management and information systems and technologies. NOVA IMS Master Programs are ranked in the world TOP of the Best Masters Ranking 2017, by Eduniversal.

Programme Overview

- The Master programme in Statistics and Information Management, with a specialization in Statistical Systems, was developed in a close collaboration between NOVA Information Management School (NOVA IMS) and the Central Bank of Portugal and has the support of the European Central Bank and the Irving Fisher Committee on Central Bank Statistics.
- The programme places a special emphasis on the collection and compilation of Official Statistics and particularly the statistics produced by Central Banks.
- The programme is targeted at experts and managers working in National Statistical Systems and particularly the staff of Central Banks, including producers, analysts or users of statistical information. It is also addressed to all those interested in official and central banks' statistics, particularly employees in statistical departments of banks and other financial institutions, as well as in national statistical offices and other statistical authorities.
- Total Credits = 95 ECTS (3 to 4 semesters). All courses are taught in English. Faculty includes academics and experts working for the European Statistical System.

Origin of the Students



Type of Attendance

The classes run in classroom or by web conference. It is also possible to follow classes in a mix mode: attending classes in classroom in specific periods of time of the student's choice, and following the rest of the programme by web conference.

Study Plan

Postgraduate in **Statistical Systems**
60 ECTS

Emos Module 12 ECTS

2 mandatory courses:

- Central Banks' Statistics
- Management of Statistical Systems

Semi-Elective courses 33 to 43,5 ECTS

5 mandatory courses

- Sampling and Estimation
- Econometric Methods
- Forecasting Methods
- Multivariate Data Analysis
- Statistical Treatment of Data

0 to 2 courses to choose from 5 courses offered:

- Data Collection, Administrative Sources and Big Data (6 ECTS)
- National Accounts (6 ECTS)
- Financial Reporting (6 ECTS)
- Computational Statistics I (6 ECTS)
- Computational Statistics II (6 ECTS)

Elective Courses 7,5 to 19,5 ECTS

1 mandatory course:

- Research Methodologies (7,5 ECTS)

0 to 2 courses to choose from 4 courses offered:

- Business Intelligence (6 ECTS)
- Descriptive Data Mining (6 ECTS)
- Predictive Data Mining (6 ECTS)
- Databases Management (6 ECTS)

Master in **Statistics and Information Management**
Specialization in **Statistical Systems**
95 ECTS

Master Thesis and Internship/Project 35 ECTS

Internship or project developed with the support of the Portuguese National Statistical Institute (INE), the Portuguese Central Bank (Banco de Portugal) or any other Central Bank;

Master Thesis with a strong link to topics of Statistics of Central Banks.