Post-Graduation in Cryptography and Information

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Presentation

Cryptography and, more general, the theory of information are the basis of a modern information society. The post-graduation in *Cryptography and Information* provides the mathematical base for an understanding of key technologies in information processing as used by banks, telecommunication companies, security firms, etc.

This post-graduation addresses employees of companies concerned with information processing as well as students, from different areas, which like to acquire additional skills in this area.

The post-graduation is complementary to Master programmes offered by the Department of Mathematics and Department of Computer Science at FCT-UNL, in particular the [Master in Mathematics and Applications](#), the [European Master in Computational Logic](#), and the [Master in Computer Science](#). Based on case by case requests, a continuation in one of these Master programmes will be considered by the respective scientific committees.

Study programme

The study programme consists of 4 lectures corresponding to 21 ECTS points (European Credit Transfer System):

- First term (Winter semester).
  - **Computability and Complexity**
  - **Codification of Information**
- Second term (Summer semester).
  - **Cryptography**
  - **Theory of Error Correcting Codes**

The classes will be scheduled in accordance with the specific needs of the participants, preferable post-laboral.

Admission rules

The post-graduation is open to everybody with a first degree (*Licenciatura*) in an area which includes a minimal preparation in Mathematics at university level. For more information, please contact the [coordinator](#) by email: `pgci.coordenador@fct.unl.pt`

The study fees are 630€ (total).

Coordinator

The post-graduation in Cryptography and Information is coordinated by [Isabel Oitavem](#). For further information, please send an email to `pgci.coordenador@fct.unl.pt`.