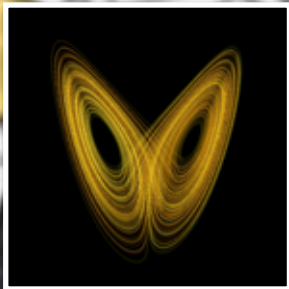
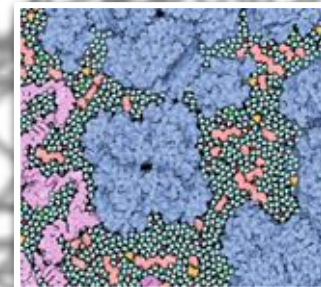
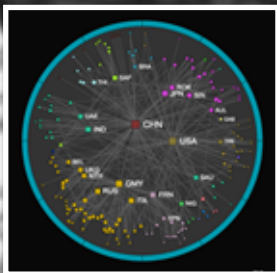


Master in Physics of Complex Systems and Biophysics



Contact: master.complex.biophys@ub.edu



UNIVERSITAT DE
BARCELONA

Basic Information

Capacity: 25 students

Start date: September 14th 2026

Duration: 1 year, 60 ECTS

Location: Facultat de Física UB, Barcelona

Contact: master.complex.biophys@ub.edu



Why Physics of Complex Systems and Biophysics?

Emergent behavior: in many-unit interacting systems, emergent collective effects. General interdisciplinary phenomena and concepts.

- **Biophysics:** fundamental problems of biology from a physicist perspective
- **General Complex Systems:** extension to general interacting systems; new fundamental science.

Expanding field: due to new experiments and computational capabilities and data, new approachable problems for physicists. (Nobel Prize 2021, 2024)

Career opportunities: in research (academia and companies) + in private sector (data management, machine learning...)



Education

- **Complete training:** on state-of-the-art theoretical basis of complex systems and biophysics, computational tools & techniques, and experimental methods.
- **Career:** training to pursue research career in academia or industry + training attractive for private sector (data analyst, consulting, banking).
- **Learn from experts:** 25+ professors experts in different disciplines teach core and specialized courses on biophysics and complex systems and on computational and experimental techniques.
- **State-of-the-art research:** cutting-edge research groups (theoretical and experimental), participation at **Institute of Complex Systems (UBICS)** and **Institute of Nanoscience and Nanotechnology (IN2UB)**



Institute of Complex Systems
UNIVERSITAT DE BARCELONA

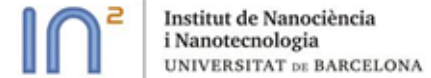


Institut de Nanociència
i Nanotecnologia
UNIVERSITAT DE BARCELONA



Contents: Master thesis and Internships

- **Master thesis:** 18 ECTS from February to July to develop research project.
- **Internships:** at research institutions both public (Universities & research centers) and private companies.
- **Fellowships:** master plus UB fellowships through UBICS and In2UB, collaboration fellowships with department and research centers.



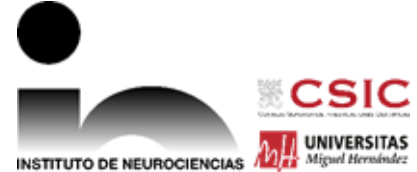
Career opportunities

The master's in Physics of Complex Systems and Biophysics offers an interdisciplinary education that prepares students for a wide range of professional opportunities both in **academia** and **industry**

PUBLIC RESEARCH INSTITUTIONS



UNIVERSITAT DE
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Career opportunities

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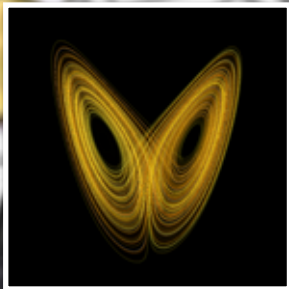


Eligibility and Admissions

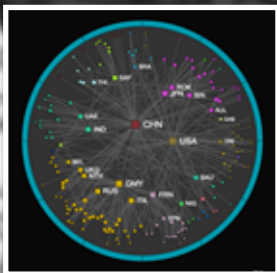
- The Master's program is aimed at graduates of **Physics, Physical Engineering, Mathematics** or equivalent degrees with interest in continuing their training in Complex Systems and Biophysics.
- The classes are conducted in **English**.
- **Registration** is now open. Admissions decided continuously (monthly).
- If you are interested, contact us: master.complex.biophys@ub.edu



Master in Physics of Complex Systems and Biophysics



APPLY NOW FOR 2026-2027!
Contact: master.complex.biophys@ub.edu



More info:
[PRESS HERE](#) or use:

