

Master Physics

Physics of Complex Systems



CENTURI

TURING CENTRE
FOR LIVING SYSTEMS

The CENTURI course **Physics of Complex Systems (PCS)** aims to teach biophysics to bachelor students with a background in **physics**. PCS's courses are designed to introduce students to **interdisciplinarity**. Through the CENTURI Master, students will be taught important concepts to apprehend modern and fundamental biological questions. The programme introduces and reinforces training in **dynamical systems, complex fluids, complex networks and biomechanics**. Students will study and conduct projects alongside **biologists, mathematicians** and **computer scientists**. Highly motivated students will be invited to join our labs during their internships to further their experience in interdisciplinarity.

The Master of Physics of Complex Systems is a part of the Master of Physics at **Aix-Marseille University**. Students can join the Master in the first year (M1) or second year (M2) by sending an application through **e-candidat**. Applications will be reviewed by the teaching staff. **Courses are in English.**

How to join PCS ?

What for ?

The **Turing Centre for Living Systems (CENTURI)** is an interdisciplinary project mainly based on the **Luminy Campus, Marseille (France)**. The project federates a community of biologists, physicists, mathematicians, computer scientists and engineers from **20 research institutes**. **CENTURI** focuses on **Research, Education and Engineering**. Training a new generation of scientists is CENTURI's priority.

The CENTURI Master of Physics of Complex Systems leads to an **Aix-Marseille University degree**. With this Master degree, graduates will be well qualified to apply to our **PhD programme**, join international research institutes, or join in the R&D department in private companies.

CENTURI ?

Our website

<http://centuri-livingsystems.org/pcs/>