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?

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.

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.

CENTURI?

Our website
http://centuri-livingsystems.org/pcs/