



SCIENCE, TECHNOLOGY, HEALTH

Master PSCE - Physics and Simulation in Civil Engineering



Target level
Master degree
level



Component
ISABTP
- Institut
supérieur
aquitain du BTP

Subprograms

- GREEN Graduate program "Mechanics and Physics in Porous Media (MPPM)"

Presentation

The aim of this master is to train scientific experts in Mechanics and Physics high potential fields such as civil engineering structures, coastal engineering, geomechanics or physics of porous media. The master develops around two shared courses: *Computations in Civil and coastal Engineering* and *Mechanics and Physics in Porous Media*. Those two academic courses cover a wide spectrum of interests ranging in scale from a pore to a structure.

Objectives

This international master's degree in **Physics and Simulation in Civil Engineering** offers multidisciplinary key courses to achieve an advanced specialist level in the aforementioned fields. It is suited for students planning both an academic or an industrial career and provides the theoretical basis and the practical expertise required to pursue in research or R&D structures or companies.

The master is fully taught in English and is hosted at [ISA BTP Engineering School](#) in Anglet (France). ISA BTP is highly recognised by the scientific and the professional communities and certified by ISO-9001 and EUR ACE.

The program is carried out in close collaboration with [SIAME](#) and [LFCR](#) research laboratories where numerical and experimental practicals will be performed. Students will also benefit from the global research environment and administrative support of the [University Pau & Pays Adour](#), the [E2S I-site program](#) and the research federation [IPRA](#).

Your university

Organisation

Trainings

Internship : Mandatory

Useful info



Contacts

Head of Teaching

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Partner schools

ISA BTP Engineering School

🔗 <http://isabtp.univ-pau.fr>

Partner laboratories

IPRA - FR2952

🔗 <http://ipra.univ-pau.fr/>

LFCR - UMR5150

🔗 <http://lfc.univ-pau.fr>

SIAME - EA 4581

🔗 <http://siame.univ-pau.fr>

Place

📍 Anglet

Campus

🏠 Anglet



Program

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