



SCIENCES, TECHNOLOGIES, SANTÉ

Master Mention Génie civil



Niveau d'étude
visé
BAC +5



ECTS
120 crédits



Durée
2 ans



Composante
Collège
Sciences et
Technologies
pour l'Énergie et
l'Environnement
(STEE)

Parcours proposés

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

Présentation

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: *Structures of 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.

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**.

Organisation

Stages

Stage : Obligatoire

Admission

Conditions d'accès

Access Condition

ADMISSION REQUIREMENTS



Academic requirements

Applicants must hold a Bachelor of Engineering, Bachelor of Science or Equivalent.

Applicants must be fluent in English, both in writing and speaking. An applicant whose native language is not English has to take a recognized international English test.

English Language Requirements

Minimum required score: CECRL B2 level in English

Application deadline: June 30, 2018

[APPLY HERE](#)

Droits d'inscription et tarification

[More informations about the registration fees](#)

Capacité d'accueil

10 per course

Infos pratiques

Contacts

Responsable pédagogique

David Gregoire

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Etablissement(s) partenaire(s)

ISA BTP Engineering School

🔗 <http://isabtp.univ-pau.fr>

Laboratoire(s) partenaire(s)

IPRA - FR2952

🔗 <http://ipra.univ-pau.fr/>

LFCR - UMR5150

🔗 <http://lfc.univ-pau.fr>

SIAME - EA 4581

🔗 <http://siame.univ-pau.fr>

Lieu(x)

📍 Anglet

En savoir plus

Details and inscriptions

🔗 <https://perso.crans.org/gregoire/master-psce>



Programme

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