

MASTER Sciences de la terre et des planètes, environnement Computer science accelerated curriculum

Contact	Description	Information
Jean Luc MARI jean-luc.mari@univ-amu.fr	Type of degree: Master's degree (60 ECTS) Domain: Science and Technology	Registration fees: 243 € (initial training in 2018/2019) http://formations.univ-amu.fr Department: Faculty of Science

AIM

The industry seeks permanently interdisciplinary profiles, with advanced skills in Computer Science. This CCI master degree is dedicated to students already graduated in Science (math, physics, chemistry, biology,...). It is a great opportunity for them to get, in 12 months only, a solid educational program in Computer Science.

This curriculum is transverse to all scientific masters of the domain « Sciences et Technologies » of Aix-Marseille Université (excepted for the master in Computer Science).

FUNDAMENTAL PREREQUISITES

The master CCI is open to graduated students in Science and to engineers.

LINKS WITH RESEARCH

The professors of the pedagogical team are members of the LIS lab (Laboratoire d'Informatique et des Systèmes, UMR CNRS 7020), the new research lab in Computer Science created in 2018 (from the fusion of LIS and LSIS).

MASTER 2

SEMESTER 3

- Anglais (3 ECTS)
- Programmation en langage C (6 ECTS)
- Système UNIX (3 ECTS)
- Bases de données (6 ECTS)
- Programmation orientée objet en Java (6 ECTS)
- Langages du Web (6 ECTS)
- Soutien en programmation
 - Soutien en programmation

SEMESTER 4

- Stage (18 ECTS)
- Projet industriel (6 ECTS)
- Options (choix de 2 UE parmi 3) (6 ECTS)
 - Algorithmique graphique (3 ECTS)
 - Développement sur plateforme mobile (3 ECTS)
 - Types de données et algorithmes (3 ECTS)
- Programmation mobile sous iOS
 - Programmation mobile sous iOS

