Responsables de la formation
Pr Roch GIORGI
Dr Jean-Charles DUFOUR

MASTER PUBLIC HEALTH - AI4PH
Artificial Intelligence for Public Health

Training experts with a high level of methodological skills and expertise in the field of artificial intelligence in order to apply it to the field of public health.

AIMS & OPPORTUNITIES

Core competencies
This research programme provide in-depth training in:
▸ Sciences of public health;
▸ Artificial intelligence methods;
▸ Algorithmic and modelling;
▸ Contextualised understanding and critical thinking;
▸ Social, societal and ethical dimension.

Job opportunities
▸ Researcher, Teacher researcher;
▸ Research engineer;
▸ Study engineer in public structures (e.g., universities, hospital, Inserm, CNRS, IRD);
▸ Study engineer in private structures (e.g., pharmaceutical industries, private research institutes).

General aims
The application of artificial intelligence to medicine can contribute to the improvement of population health. This intensive master's course focuses on the challenges, needs, implications, applications and methods of artificial intelligence for public health. Designed with a transdisciplinary and interdisciplinary approach, it will allow the students to acquire knowledge in the field of artificial intelligence applied to public health, by combining algorithmic and modelling knowledge with contextualised understanding, critical thinking and the social, societal and ethical dimension.

PUBLIC

▸ **Initial training:** Students who have obtained a scientific M2 or M1, an engineering school diploma or a diploma considered equivalent in one of the following disciplines: statistics, computer science, public health, epidemiology, mathematics, economic and social sciences;
▸ **Continuing education:** a validation of professional experience, according to the procedures in use at the University, can also give access to this Master's degree.

Why apply?
▸ Address the issues and challenges related to artificial intelligence for public health.
▸ Excellent, competitive training.
▸ An adapted and recognised educational model.

DISTANCE LEARNING COURSE VIA WEBCONFERENCE
(can be followed at the Faculté des sciences médicales et paramédicales of Marseille)

To find out more about this course, go to:
sesstim.univ-amu.fr/master-ai4ph

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