

# CERTIFICAT D'ÉTUDES SUPÉRIEURES UNIVERSITAIRES

## AIPro : Artificial Intelligence for Programming in Python

The application of artificial intelligence -AI- to medicine can contribute to the improvement of population health. This course focuses on artificial intelligence methods programming.

### AIMS & OPPORTUNITIES

#### General aims

This course aims to acquire knowledge in the field of artificial intelligence to apply it to the health field by combining algorithmic and modelling knowledge.

#### Core competencies

- ▶ The fundamentals of programming and the main artificial intelligence tools for health;
- ▶ Advanced algorithms and methods of artificial intelligence and how to program them using Python.

#### Job opportunities

- ▶ Start-up, clinical research
- ▶ Artificial intelligence engineer
- ▶ Gain responsibility within its laboratory, its company

#### Further studies

This C.E.S.U. participates in the training of the Doctoral School of Sciences de la Vie et de la Santé. Students can later apply for the DESU AI4PH (Artificial Intelligence for Public Health), or for the Master 2 AI4PH (Artificial Intelligence for Public Health), specialization of the Master's degree in Public Health.

### PUBLIC

This course is aimed at students and professionals who have completed an M2 course and are carrying out research and/or thesis work on a topic involving artificial intelligence methods for health and are led to programme them.

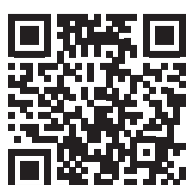
#### Why apply?

- ▶ To broaden your view of the use of AI
- ▶ To acquire transversal skills useful for your future projects
- ▶ An adapted and recognised educational model
- ▶ Prepare for other post-graduate course in health and in public health



### 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/cesu-aipro](https://sesstim.univ-amu.fr/cesu-aipro)**

