

MASTER'S DEGREE IN DEEP LEARNING FOR AUDIO AND VIDEO SIGNAL PROCESSING

Recommended admission profile

Given the international orientation of the master's degree in *Deep Learning for Audio and Video Signal Processing*, the admission profile is defined according to the required knowledge instead of specifying bachelor's degree requirements. Thus, the admission profile to this master's degree will correspond to the following candidates:

1. Engineers or candidates in possession of a bachelor's degree in Engineering Areas related to ICT (Information and Communication Technologies), provided their degree programme contains at least the following contents:
 - 24 ECTS of mathematical fundamentals in calculus (12 ECTS), linear algebra (6 ECTS), probability and statistics (6 ECTS).
 - 12 ECTS of programming in some high-level language.
 - 6 ECTS in signal processing
 - 6 ECTS in machine learning
2. Graduates in possession of an official degree equivalent to any of the above, either issued by a Spanish university or belonging to another member state of the European Higher Education Area, or so declared in accordance with the regulations of university studies in Spain. These applicants must certify a level of training equivalent to the requirements defined in the first case.
3. Applicants who are in possession of degrees obtained in educational systems outside the European Education Area. These applicants must certify a level of training equivalent to the requirements defined in the first case.

Since the official language for all courses is English, a knowledge of the English language at the minimum level of the B2 certificate will be required for being accepted to this master's degree. For non-native speakers, this level of language must be accredited by a certificate or by an interview with the master's Academic Committee.

According to the academic profile of students being accepted in this Master, it will be considered whether they should perform an intensive leveling program scheduled just at the beginning of the academic year in September. The program includes a leveling module in Fundamentals of Signal Processing of 1 ECTS, aimed at students whose previous training in the area is less than 12 ECTS. This module will be offered as a training supplement because it is not expressly a subject of the academic programme.

Related regulations

The UAM regulations related to master's admissions (*Normativa de posgrado oficial de la UAM*) is available at http://uam.es/CentroEstudiosPosgrado/Legislaci%C3%B3n-y-Normativa/1446795588808.htm?language=en_EN (only in Spanish)