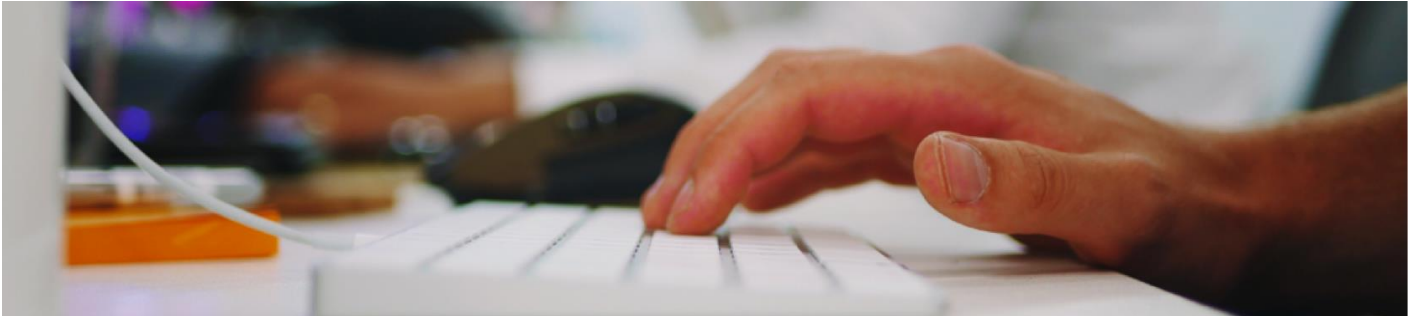


Master 2 IKSEM

Information and Knowledge Systems Engineering and Management (IKSEM)



Training objectives

The Master 2 MIAGE IKSEM specialty that takes place over a year, aims at training experts in Engineering Information Systems. It provides them with the knowledge and know-how to master new technologies dedicated to companies' Information System, master the complexity of decision-making systems of today and lead the development of the Information System in its environment.

All teaching, course material, Master thesis, course and practical/project works shall be in English.

Due to its students' recruitment of multiple nationalities, the Master's degree also prepares the apprentices for a professional life which they will have to exercise in a European, even worldwide cultural environment.

Opportunities

The Master prepares to the jobs linked with the IS engineering:

- IS consultant
- Software and Method engineer
- Requirements engineer
- Project manager
- IS architect
- IS developer

Training site



Context

Training is provided by the University Paris 1 Panthéon Sorbonne in partnership with the CFA-AFIA. Master 2 is jointly delivered by University teachers and professionals. It is linked to IT Research Center (CRI) of the Sorbonne.

1 year course in alternance

Contact

Université Paris 1 Panthéon Sorbonne

90, rue de Tolbiac

75013 Paris

miage@univ-paris1.fr

Tel : 01 44 07 88 94

Program

The program offers, besides teachings of sharp specialties, workshops on the reasoning and the scientific approach as well as future challenges relating to digital environment for companies. The teachings of courses are organized according several areas of skills:

Courses	Number of hours
IT: <ul style="list-style-type: none"> • model driven engineering & quality models • ERP Systems • Variability and line of software products • Cloud & Pervasive computing 	128 h
Business Intelligence: <ul style="list-style-type: none"> • BI Systems • Data Mining • Constraint reasoning and applications • Data Mining & Big Data 	128 h
IKS advanced engineering: <ul style="list-style-type: none"> • Advanced process engineering • Engineering & knowledge management • Entreprise architecture: IT level & business level • IT Quality & Savety • Requirements engineering 	192 h
Search method and workshops	46 h
Master thesis	46 h
Total	494 h

APPRENTICESHIP RYTHM

2 weeks University
3 weeks Compagny

Eligibility & admission

- Candidates must have passed the first year of a Master program Miage or in the area Information Systems, or Computer Science; They must have completed 240 credits in the European System.
- They must pass the selection by together University and CFA AFIA.
- A minimum TOEIC score of 700 is required or equivalent proficiency in English.

Admission calendar

Closing registration : May 5th 2019
Interview M1 : May 21th to 23th 2019
Enrolment Results : May 24th 2019
Intake Entreprise Preparation Day : End of may 2019
Beginning to the training : september 2019

Chiffres clefs de la formation

100%
de taux de réussite

95%
d'insertion pro à 3 mois

1%
de taux de rupture

13^{ème} promo
en apprentissage

