

#RévéléateurDeTalents



Master 2

Information and Knowledge Systems Engineering and Management (IKSEM)

Title level 7 (code RNCP 31471 – Diplôme Code 13532678)

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 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.

Opportunities

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

Duration and alternance

Apprenticeship or professionalization contract.

494 h of work-study over 12 months.

Alternate rythm :

- 3 weeks University ;
- 3 weeks Company.

Date and place of formation

September 2020

Université Paris 1 Panthéon Sorbonne
 90 rue de Tolbiac
 75013 Paris

Eligibility and admission

Candidates must have passed the first year of a Master program Miage. 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.



Diploma issued by Université Paris 1 Panthéon Sorbonne.

Continuous assesment of knowlege, final tests, defense.

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



97% find an apprenticeship
after 3 months



100% success rate



95% job insertion
after 3 months

Université Paris 1 Panthéon Sorbonne

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CFA Afia

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Le CFA Afia est un organisme **expert et expérimenté** dédié **au recrutement, à l'accompagnement, au conseil et au suivi** des entreprises et apprentis tout au long de la période de formation, des premiers pas en alternance à l'intégration finale dans le métier choisi.

À travers **l'ensemble de ses outils et moyens**, le CFA Afia vous apporte **des solutions concrètes de proximité** dans le suivi de votre apprenti ou de votre apprentissage.