MASTERS
Dual Degree Programme
IKSEM

CLASSEMENT SMBG 2010

Management des Systèmes d'information

Institut
d'Administration
des Entreprises
de Paris

MASTER in Information and Knowledge Systems Engineering and Management

Sorbonne Graduate Business school

Apprenticeship

IAE PARIS
PANTHÉON SORBONNE

MASTER IKSEM

Sorbonne Graduate Business School

Created more than 50 years ago, IAE de Paris, the Graduate Business School of the world renowned Sorbonne University is specialized on research and formation in management. Each year, 1650 students are enrolled in pre-experience, post-experience and apprenticeship programs in France and abroad. At present, more than 23 700 graduates are employed in corporations and organizations all over the world.

IAE has expanded on its traditional French Masters programme on Information and Knowledge Systems to build this training in English for international students.

Foreign students who have completed 240 credits in the European System (or equivalent), with a background in ICT, are eligible to enter into the second year of this programme. During this second year, students shall specialize in Information and Knowledge Systems Engineering and Management (IKSEM).

IKSEM is a dual degree programme in ICT and Management. It offers the unique opportunity for European and International students to get two degrees from the prestigious Sorbonne University and its Business School, IAE.

Programme objectives

- To provide students knowledge and know how on Information and Knowledge Systems (IKS) engineering and management,

- To expose them to its immediate experience in French industry by performing tasks that are closely related to the academic instruction. Indeed, the programme uses the National French 'Apprenticeship' style of teaching/learning: Under IKSEM students spend alternate periods in the company and academia (cycle of 4 weeks in industry followed by 2 weeks in academia). They work under mentorship of two designated mentors, one each in industry and academics, respectively. Thus, there is continuous cross fertilization between course work and industrial practice.

- To develop multidisciplinary skills to allow students to become adept at recognizing and orchestrating the interplay between IKS, organization strategy and business processes.

Admission requirements

Age: Candidates must be under the age of 26 years at the time of admission to IKSEM.

Qualifications: Candidates must have passed the first year of a Masters programme in Computer Science, Software Engineering, Information Science or allied area. They must have completed 240 credits in the European System, with a background in ICT. Those exposed to Management shall be given preference.

English Language Proficiency: Candidates should have passed TOEIC with a minimum score of 700 or should be able to demonstrate an equivalent proficiency in English. An optional supplementary course in English of about 2 weeks duration may be offered to selected students.

Programme Benefits

Cutting edge International exposure through faculty members drawn from CRI, the internationally recognized Centre for its research in the field.

Competitive advantage through the acquisition of two degrees and one year work experience as part of IKSEM programme. Successful students will be awarded a Master of Science degree in Information Systems Engineering called 'MIAGE' and a Master of Management in Management of Information and Knowledge Systems called 'SIC'.

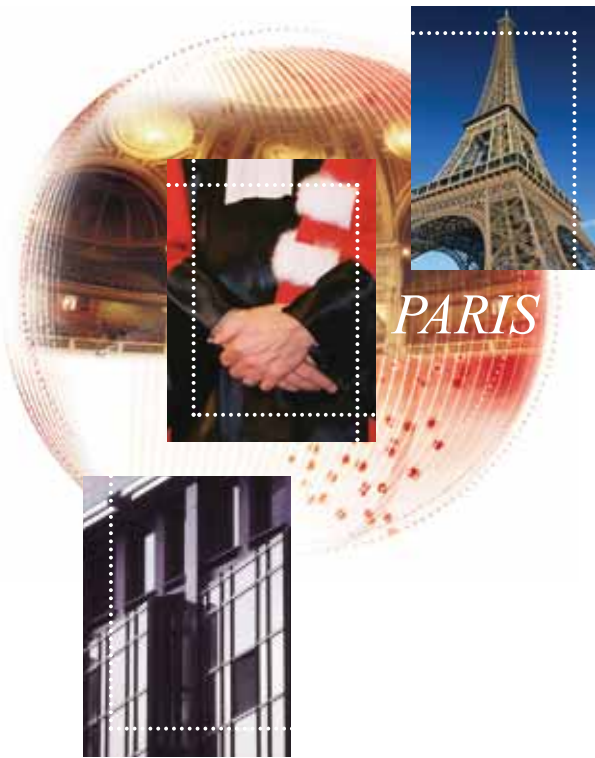*Problem solving skills in the emerging area of IKSEM leading to employability on the international market place.*

Earn while you learn through paid contractual employment in French Industry arranged by the Centre de Formation par l'Apprentissage, CFA-AFIA.

PARIS

Course listing

- *Enterprise Architecture & IS Urbanization*
- *Decisional Systems*
- *Enterprise Knowledge Modelling & Management*
- *Data Mining & Knowledge Extraction*
- *Requirements Engineering*
- *Service Oriented Systems & Interoperability*
- *ERP Systems*
- *Systems & Method Engineering Environments*
- *System Dynamics*
- *Organization Strategy & Business Processes*
- *IKS Governance & Quality Assurance*
- *Developing Communication Skills*

In parallel with courses, students have to develop a Master thesis about an emerging professional problem of IKSEM. The thesis must combine the use of knowledge acquired in academic courses with experience gained in industry. It shall be jointly supervised by the main supervisor from university and the co-supervisor from industry.

Course Curriculum

The curriculum is 12 months long. It begins in September and ends in the following September. It comprises 8 sessions of 2 weeks each at the University and 9 sessions of 4 weeks each in industry.

The curriculum is divided in two equal semesters.

Application Timeline

Application deadline: June, 9th 2010

Interview: June 23d 2010

Acceptance notification: June, 25th 2010

Programme start: end of September, 2010

Programme Director

Colette ROLLAND, Ph.D.
Professor at the University of Paris 1 Panthéon Sorbonne

Colette Rolland is Professor at the University of Paris 1 Panthéon Sorbonne in the Informatics & Mathematics department and is also an invited Professor at the University of Loughborough, UK. She got her PhD Degree in Sciences at the University of Nancy. Her research interests are in the areas of conceptual modelling, methodologies and CASE tools, method engineering & CAME tools, requirements engineering, business process modelling, IS and business alignment and change management. She has been involved in a large number of European research projects. She is closely associated with industrial collaboration and continues to lead a number of cooperative research projects with companies. Prof. Rolland has extensive experience in supervising PhD theses and has guided nearly 100 students in obtaining their degrees. She has published about 300 reviewed papers in Journals and Conferences, has been editor of about 35 Conference Proceedings, is member of the board of 15 International journals and has delivered more than 50 keynote talks in Conferences. She is an IFIP officer, IEEE fellow and received several awards such as IFIP Silver Core, IFIP service Award, Franqui's Foundation award (Belgium) and European award of 'Information Systems'. She is Doctor Honoris Causa of the University of Geneva.

For further information

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Faculty Members

Colette Rolland, Professor (University of Paris 1 Panthéon Sorbonne) • Carine Souveyet, Professor (University of Paris 1 Panthéon Sorbonne) • Jacky Akoka, Professor (CNAM) • Selmin Nurcan, Associate Professor (University of Paris 1 Panthéon Sorbonne) • Samira Si Said, Associate Professor (CNAM) • Yves Chaumette, IKS Consultant • Miguel Liottier, BHA Consultant • Camille Salinesi, Associate Professor (University of Paris 1 Panthéon Sorbonne) • Guillaume Benci, CIO (GB Consulting) • Stephane Copin (KBS Consultant) • Said Assar, Associate Professor (INT) • Vincent Vettier (KBS Consultant) • Myriam Lewkowicz', Associate Professor (UTC Compiègne) • Stephane Berteloot, Director of IT infrastructure & IKS architecture (Bouygues Telecom) • Jerôme Serre, Project Director (CNP Insurances).

Each year, international invited speakers join the faculty team.

CRI Research Centre and Invited Speakers

The IKSEM Masters programme benefits from the synergy with the Computer and Information Science Centre of research of the University of Paris 1 Panthéon Sorbonne, namely the CRI. The CRI is internationally renowned for its research in information systems engineering. It belongs to international research networks and is connected with universities and research institutions all over the world from which it invites eminent faculty members who deliver conferences and seminars to IKSEM students.

http://crinfo.univ-paris1.fr

www.iksem.org

iksem
Information & Knowledge Systems
Engineering and Management

IAE also proposes MBA & Masters programmes in Control-Audit, Finance, Human Resources & Corporate Social responsibility, Marketing and Sales, Doctoral programs.

www.iae-paris.com

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