

Field of study **Sciences and engineering**

Training available in

Apprenticeship

Continuing education

How to apply :

<https://www.univ-gustave-eiffel.fr/en/formation/applications-and-enrolment/applications>

Course venue :

Campus Marne la Vallée - Serris - Institut Francilien d'Ingénierie des Services (IFIS) 6-8 cours du Danube 77700 Serris

Calendar :

- Term starts: early October - Work-study programme: 1 week at the university / 1 week on placement (school holidays in the company)

Contacts :

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More information :

For further details :
<https://www.univ-gustave-eiffel.fr/international/etudiants-internationaux>

Service Information,
Orientation et Insertion Professionnelle (SIO-IP) :

sio@univ-eiffel.fr / Tel : +33 1 60 95 76 76



Master's degree Quality, Health and Safety Quality, Security and IT



Institut Francilien d'ingénierie des Services (IFIS)

Master's degree M1 M2

TO GET THERE

This course is open to students who have completed three years of higher education (general Licence degree) and/or students with 180 ECTS credits.

Students are accepted after a selection process based on application (academic results, experience, references, cursus, etc.), followed by tests and an individual interview (test results, applicant motivations, objectives, etc.).

ACQUIRED SKILLS

- Designing a quality approach: being familiar with the regulatory frameworks related to IS, leading the transformation of uses and skills.
- Project management: managing a team, acquiring a fact-based approach to decision making, being a driving force behind proposals, knowing how to unite people around an approach of continuous improvement and excellence.
- Analysing the dimensions of a given situation: identifying client needs and proposing the best solutions, making technical decisions and identifying, monitoring and integrating the legal and technical requirements and compliance.
- Acting in a responsible and professional manner.

YOUR FUTURE CAREER

Graduates work in the field of information systems management, as IT project managers, IT quality engineers, IT quality experts, project managers, etc., or, for students who wish to pursue a career in research, further study through a PhD is possible (notably at the DICEN IDF laboratory of Paris-Est Marne-la-Vallée).

BENEFITS OF THE PROGRAM

- A work-study course recognised by major French companies. - Strong involvement of professionals in teaching. - Individual and group work for academic assignments (dissertation, research article, major oral presentation) or projects to open up the field of reflection (business creation). - Personalised support in addition to that provided by the apprenticeship tutor. - Conferences by professionals or experts who present their experiences and inspire reflection on the use of the tools and methods studied during the course.

More information



PROGRAM

SEMESTER 1

Fondamentaux de la qualité (ECTS:13)

- Business English
- Outils Informatiques et Mathématiques
- Organisation de l'Entreprise et Management
- Postures managériales et gestion des ressources humaines
- SMQ, ISO 9001

Qualité des Systèmes d'Information (ECTS:17)

- Processus et sécurité SI
- Approche système SI
- Outils d'analyse et de résolution de problème
- Référentiel projet SI
- Management des projets SI
- Test Recettes et Déploiement

SEMESTER 2

Connaissance de l'Entreprise (ECTS:10)

- Droit
- Business English
- Approche Economique Générale
- Communication
- Système de Management Intégré
- Management de Projets

Ouverture (ECTS:7)

- Méthodologie
- Etude bibliographique
- Projet Tutoré

Management qualité SI (ECTS:3)

- Pilotage et Supervision d'un SI
- Référentiel Management SI
- Achat Prestation outsourcing
- Analyse du besoin, Spécification

Professionalisation (ECTS:12)

SEMESTER 3

Fondamentaux de la qualité (ECTS:16)

- Professionnal English
- Managements par projets, Conduite du Changement
- Management des Risques
- Prises de Décision
- Excellence et Performances Economiques
- Lean Management

Qualité des Systèmes d'Information (ECTS:14)

- Evaluation de la Conformité des SI
- Sécurité Informatique
- Management de la Performance, Green-IT
- Méthodes MOA-MOE

SEMESTER 4

Management (ECTS:7)

- Management des Ressources Humaines
- Management de l'Innovation
- Responsabilité Sociétale des Entreprises
- Management de l'Excellence
- Besoin et Attente des Parties Intéressées

Recherche (ECTS:7)

- Mémoire de Recherche
- Méthodologie (Qualité en Recherche)
- Grand Oral
- Conférences et Vie Associative

Management Qualité des SI (ECTS:4)

- Maintenance et Big Data
- BSC Management de la Performance
- Lean IT
- Réengineering des Processus

Professionalisation (ECTS:12)