

Field of study **Sciences and engineering**

Training available in

Apprenticeship

Initial training

Continuing education

Recognition of prior learning

#### How to apply :

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

#### Course venue :

Centre de Formation Professionnelle aux Techniques du Spectacle Bagnolet - CFPTS Bagnolet

#### Calendar :

One-year work-study programme: one semester divided equally between the training centre and the host company, followed by one full-time semester in the company.

#### Contacts :

BERTHET Matthieu  
Academic coordinator

Academic secretary  
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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](mailto:sio@univ-eiffel.fr) / Tel : +33 1 60 95 76 76



## Professional Bachelor Computer Science Professions: System and Network Administration and Security Stage Network Administration



Institut Universitaire de Technologie (IUT)

Professional Bachelor LP

#### TO GET THERE

This course is designed for people who have completed (or are currently studying for) one of the following:

- a Technical University Diploma, an Advanced Vocational Training Certificate or two years of a Licence degree (i.e. two years of higher education) in computer science and networks, with a keen interest in the performing arts.

- an Art Professions Diploma or an RNCP certification from the CFPTS (i.e. two years of higher education) in sound or lighting management, with an interest in networks and digital technology.

- an Advanced Vocational Training Certificate in audiovisual professions, with a keen interest in the technical aspects of the performing arts.

#### ACQUIRED SKILLS

Acquire the technical, organisational, management and communication skills needed to work as a stage network administrator for shows and events and/or venues.

#### YOUR FUTURE CAREER

Graduates can aspire to the following professions: stage network administrator, stage manager specialising in digital technologies, system and network administrator, IT manager for a performance venue.

#### BENEFITS OF THE PROGRAM

A work-study programme in partnership with the CFPTS, designed to meet the initial training and lifelong learning needs of performing arts professionals. The course is taught and coordinated by working performance arts professionals and teachers from UGE. The involvement of professionals offers a practical perspective on the theory taught, a close insight on the applications and harmonisation with technical developments.

More information



## YEAR

### FONDAMENTAUX TECHNIQUES PERSONNALISEES

#### NUMERIQUE & INFORMATIQUE (ECTS:8)

- Bases mathématiques appliquées
- Algorithmique de base
- Logiciels de développement d'application interactive
- Architecture des ordinateurs et systèmes d'exploitations
- Traitement du signal

#### SPECTACLE VIVANT & EVENEMENTIEL (ECTS:8)

- Métiers et équipements du son
- Métiers et équipements de la lumière
- Métiers et équipements de la vidéo
- Métiers et équipements scéniques
- Investissement dans l'événementiel
- Investissement et/ou création dans le SV
- Procédures d'appel d'offre de marchés
- Dossier technique d'un spectacle
- Prévention des risques dans le SV
- Droit & Environnement social du SV
- Visites professionnelles

### TECHNIQUES SPECIALISEES

#### ADMINISTRATION RESEAUX (ECTS:8)

- Introduction aux réseaux
- Normes et protocoles du modèle internet
- Sécurité et supervision des réseaux
- Config.switch Cisco appli.réseaux scéniques

#### RESEAUX SCENIQUES (ECTS:8)

- Réseaux dédiés au son
- Réseaux dédiés à la lumière
- Réseaux dédiés à la vidéo
- Etude & Mise en œuvre d'un réseaux scénique

### GESTION DE PROJET

#### GESTION DE PROJET/OUTILS/METHODOLOGIE (ECTS:8)

- Méthodologie et outils de gestion projet
- Droit, Informatique & NTIC
- Gestion des Systèmes d'information
- Veille Technologique
- Communication professionnelle écrite et orale
- Communication professionnelle en anglais

### EXPERIENCE EN ENTREPRISE - PROJET TUTEURE

#### PROJET TUTEURE (ECTS:8)

#### MISSION EN ENTREPRISE (ECTS:12)