

Field of study **Sciences and engineering**

Training available in

Initial training

Recognition of prior learning

How to apply :

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

Course venue :

Campus Marne la Vallée - Champs sur Marne - Bâtiment Copernic 5 Boulevard Descartes 77420 Champs-sur-Marne

Calendar :

Courses from 04/09/23 to the end of June 2024 Work placement (September-June) with an association.

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

Bachelor's degree Physics and Chemistry Physics and its applications



Institut Francilien des Sciences Appliquées (IFSA)

Bachelor's degree L3

TO GET THERE

High-school diploma holders with sufficient scientific, literary, sporting and community skills to apply via the Parcoursup scheme.

ACQUIRED SKILLS

A wide range of skills in three areas:

- Skills in designing and running one or more sports activities
- Skills in making a commitment and progressing in the field of sports activities
- Scientific skills and knowledge (in the humanities, history, sociology, psychology, physiology, anatomy, etc.).

YOUR FUTURE CAREER

Second year of the STAPS Licence degree.

BENEFITS OF THE PROGRAM

Classes given by teachers who are specialists in their field. Strong student support, leading to a success rate of close to 70% in L1. Work placement with an association. For more information, see the component's website: <https://staps.univ-gustave-eiffel.fr/>

PROGRAM

SEMESTER 5

UE Obligatoires

Mathématiques - 5 (ECTS:4)

Initiation aux méthodes numériques (ECTS:3)

Anglais-5 (ECTS:2)

Electromagnétisme et ondes électromagnétiques (ECTS:6)

Expériences de physique (ECTS:3)

Physique nucléaire et physique des particules (ECTS:3)

Référentiels et champs centraux (ECTS:3)

UE Libres choix de 6 ECTS

Traitement du signal analogique (ECTS:3)

Electronique analogique 2 (ECTS:3)

Mécanique quantique (ECTS:4)

Méthodes d'Analyse chimique 1 (ECTS:2)

Introduction aux transferts thermiques (ECTS:3)

Introduction aux transferts convectifs et radiatifs (ECTS:3)

SEMESTER 6

UE Obligatoires

Anglais 6 (ECTS:2)

Matériaux inorganiques et minéraux (ECTS:4)

Physique statistique (ECTS:4)

Ondes acoustiques (ECTS:2)

Physique relativiste (ECTS:3)

Optique ondulatoire 2 (ECTS:3)

Projet disciplinaire en physique (ECTS:3)

UE Libre

Introduction à la science des matériaux (ECTS:3)

Capteurs (ECTS:3)

Stage (ECTS:3)

UE libre (ECTS:3)

UE Libres choix de 6 ECTS

Automatique (ECTS:6)

Dynamique des fluides (ECTS:4)

Initiation aux différences et éléments finis 1 (ECTS:2)

Spectroscopie atomique et moléculaire (ECTS:6)