

International university diploma in chemistry and physics



This 1 year International University Diploma in Chemistry and Physics enables the student to study science totally in English while taking French language classes. In the second year, the students can enter into a French National Licence program.

Présentation

This International University Diploma (IUD) in Chemistry and Physics enables the student to study science totally in English while taking French language classes. In the second year, the students that have successfully completed the IUD can enter into a French National Licence program.



group picture of 2018/2019 year group

Durée de la formation

- Libellé inconnu

Lieu(x) de la formation

CY Neuville campus

Langues d'enseignement

- Libellé inconnu
- Libellé inconnu

Rythme

- Temps plein

Modalités

- Présentiel

Renseignements

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Coût de la formation

Registration fees of 5 000 euros for the year and 92 euros of governmental taxes. Registration fees include the following services: tuition for program, science and French courses

Modalités d'inscription

Students in Europe will follow the Parcoursup procedure. Upon their admission, international students will receive an admission letter and

should come back to the Institution within 2 weeks with their final decision.

Admission

Pré-requis

Formation(s) requise(s)

Admission procedure:

- High school diploma
- English proficiency – IELTS 5.5 or equivalent
- Proof of good academic performance
- Acceptance of candidatures by admission committee

Et après ?

Poursuites d'études

- In the second year, the students that have successfully passed their year enter into a second year program leading to a National Licence 3 year Degree.

Programme



1st Semester : 30 c

UE

Maths for science 1

- UE1 - Functions : limits, continuity
numbers - 2 variables functions
-

Introductory chemistry

- UE2 - Atoms : Emission and absorption
Lewis and VSEPR models, covalency : Acids and bases in aqueous
-

- - - - -

Introductory physics

- UE3** Kinematics - Dynamics : Newton's laws - Dynamics : 1st Law - Laboratory
-

- UE4** Introductory computer science
Introduction to algorithms and data structures
-

- UE5** General French language
-

- UE6** Scientific French



2nd Semester • 30 credits

UE

Maths for science 2

- UE1** Taylor expansions - Different
Matrices - Complex numbers

Chemistry 2

Solution, organic and therm

- UE2** tions - 1st and 2nd laws of the
Chemical potential - Phase
chemistry - Electronic structu

Physics

Thermodynamics : 2nd law a

- UE3** hydrodynamics viscosity - Ki

UE3

Hydrodynamics, viscosity - In
planet motions - **Laboratory** -
stellarium, collisions

UE4

Computer science
Introduction to programming

UE5

General French language

International University Diploma Program