Université Paris-Saclay

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# L3 Interface Biologie - Chimie

Licence (Undergraduate programme)

Specialisations Sciences de la Vie | Chimie

Language(s) of instruction

French

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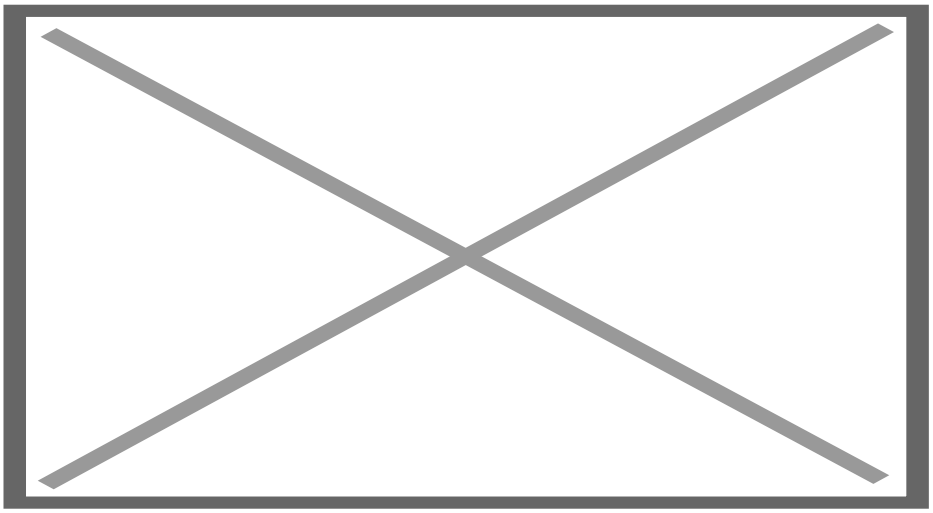

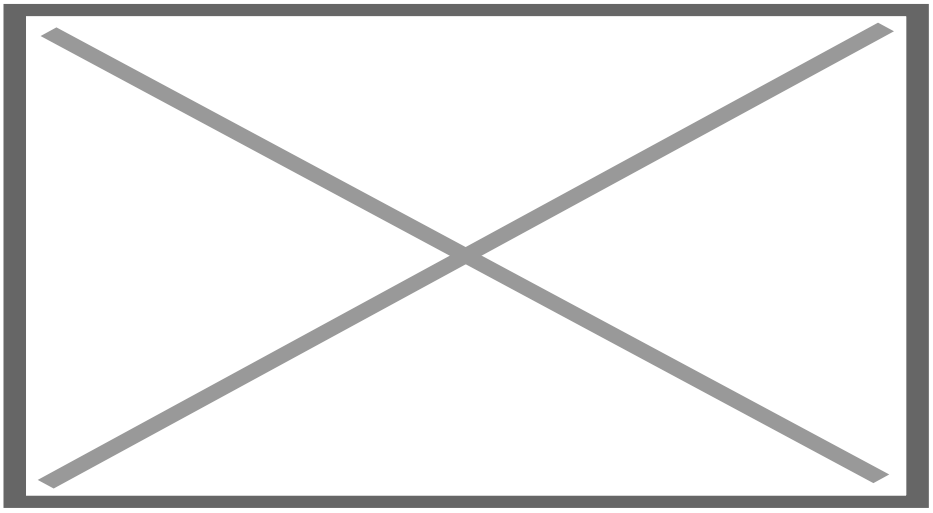

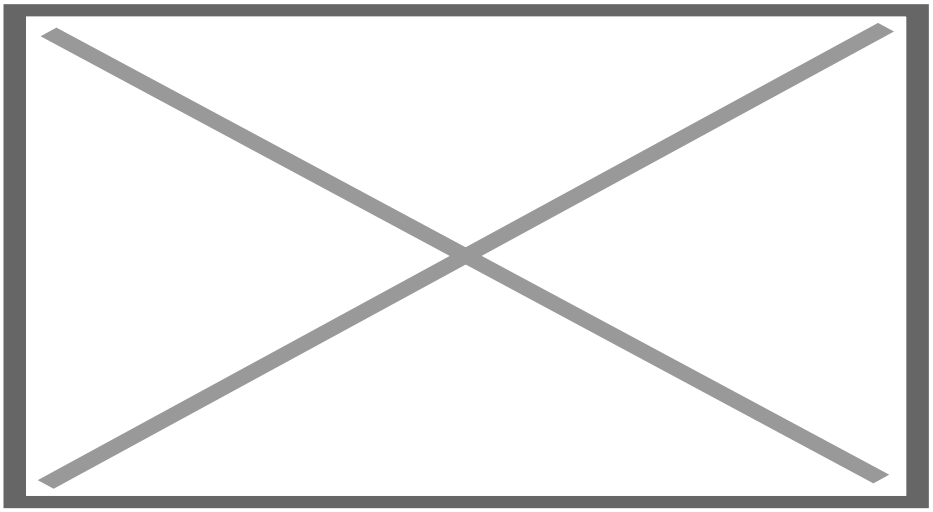

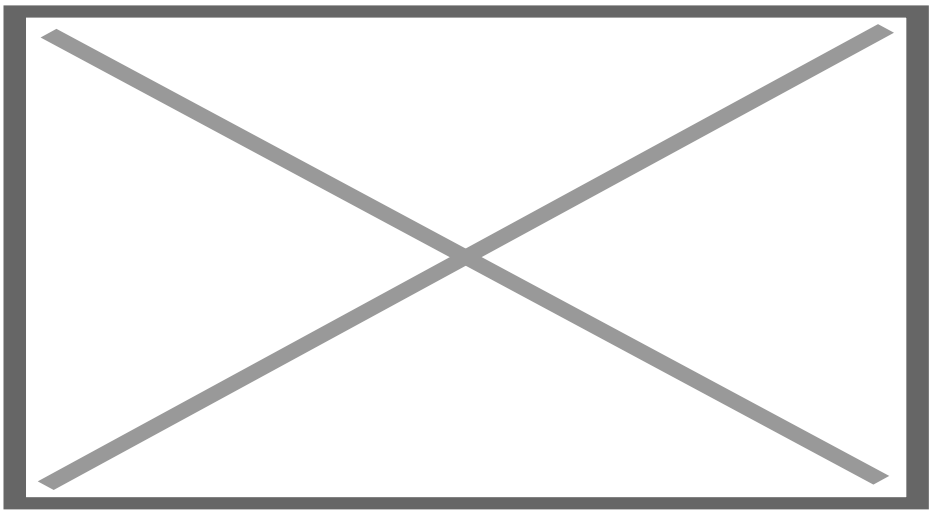

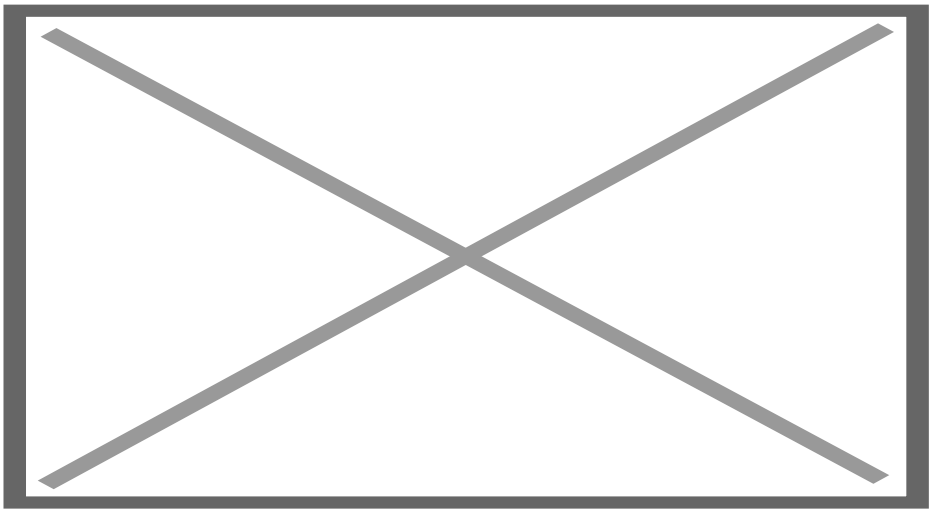

## Information

- Application requirements
- Schedule

Admission

## Capacity

**Available Places**

65

# Période(s) de candidature

E-candidat Platform

From 15/05/2026 to 17/07/2026

Programme

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| UEs Transverses et PPEI (hors anglais) L3 iBC | | | | | | | | |
| UE libre L3 BS/BOE/ESVT/iBC | 0 | Semestre 1 | | | | | | |
| Charger le détail | | | | | | | | |
| Préparation aux oraux Agro/Véto | 0 | Semestre 2 | | 50 | | | | |
| Charger le détail | | | | | | | | |
| Conduite de projet en équipe iBC | 4 | Semestre 2 | 3 | 14 | 6 | | | |
| Charger le détail | | | | | | | | |
| Anglais - FSO - L3 S5 - 2,5 ECTS - 1 UE parmi 6 | | | | | | | | |
| Anglais FSO - L3 S5 - 2,5 ECTS | 2.5 | Semestre 1 | | 24 | | | | |
| Charger le détail | | | | | | | | |
| Theater workshop - FSO - S1 - 2,5 ECTS | 2.5 | Semestre 1 | | 24 | | | | |
| Charger le détail | | | | | | | | |
| Reading and creative writing workshop - FSO - S1 - 2,5 ECTS | 2.5 | Semestre 1 | | 24 | | | | |
| Charger le détail | | | | | | | | |
| Intercultural Communication EUGLOH project - FSO - S1 - 2,5 ECTS | 2.5 | Semestre 1 | | 24 | | | | |
| Charger le détail | | | | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| Debate Club - FSO - S1 - 2,5 ECTS | 2.5 | Semestre 1 | | 30 | | | | |
| Charger le détail | | | | | | | | |
| Writing worshop - FSO - S1 - 2,5 ECTS | 2.5 | Semestre 1 | | 24 | | | | |
| Charger le détail | | | | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| 1 UE au choix S6 | | | | | | | | |
| Formulation des médicaments | 4.5 | Semestre 2 | 25 | 17 | 3 | | | |
| Charger le détail | | | | | | | | |
| La chimie organique : vers quelles applications ? | 4.5 | Semestre 2 | 10 | 18 | 12 | | | |
| Charger le détail | | | | | | | | |
| Préparation Véto Chimie S6 | 4.5 | Semestre 2 | 18 | 24 | 3 | | | |
| Charger le détail | | | | | | | | |
| Biologie des cancers | 4.5 | Semestre 2 | 17 | 16 | 6 | | | |
| Charger le détail | | | | | | | | |
| 1 UE au choix S5 | | | | | | | | |
| Préparation Véto Chimie S5 | 2.5 | Semestre 1 | 14 | 14 | 2 | | | |
| Charger le détail | | | | | | | | |
| Spectroscopie optique pour la biologie | 2.5 | Semestre 1 | 9 | 9 | 7 | | | |
| Charger le détail | | | | | | | | |
| UE obligatoires | | | | | | | | |
| Chimie médicinale | 2.5 | Semestre 2 | 12 | 9 | 4 | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| Charger le détail | | | | | | | | |
| Chimie bioorganique, inorganique et bioinorganique | 4.5 | Semestre 2 | 39 | 6 | | | | |
| Charger le détail | | | | | | | | |
| Biochimie des régulations métaboliques : aspects physiologiques et pathologiques. | 4.5 | Semestre 2 | 18 | 16 | 11 | | | |
| Charger le détail | | | | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| Biochimie structurale et fonctionnelle | 4.5 | Semestre 1 | 25 | 16 | 4 | | | |
| Charger le détail | | | | | | | | |
| Travaux pratiques de biologie moléculaire et de biochimie | 5 | Semestre 2 | | | 60 | | | |
| Charger le détail | | | | | | | | |
| Biologie Moléculaire des Génomes : Organisation, Maintien et Expression | 4.5 | Semestre 1 | 17 | 28 | | | | |
| Charger le détail | | | | | | | | |
| Synthèse organique expérimentale 1 | 3 | Semestre 1 | | | 30 | | | |
| Charger le détail | | | | | | | | |
| Dynamique Cellulaire | 4.5 | Semestre 1 | 18 | 12 | 15 | | | |
| Charger le détail | | | | | | | | |

| Subjects | ECTS | Semester | Lecture | directed study | practical class | Lecture/directed study | Lecture/practical class | directed study/practical class |
|---|---|---|---|---|---|---|---|---|
| Synthèse organique expérimentale 2 | 3 | Semestre 2 | | | 30 | | | |
| Charger le détail | | | | | | | | |
| Initiation à la cristallographie et radiocristallographie | 2 | Semestre 2 | 9 | 7 | 4 | | | |
| Charger le détail | | | | | | | | |
| Chimie organique de synthèse | 4.5 | Semestre 1 | 21 | 24 | | | | |
| Charger le détail | | | | | | | | |
| Analyse moléculaire et structurale | 4 | Semestre 1 | 16 | 24 | | | | |
| Charger le détail | | | | | | | | |

# Teaching Location(s)

ORSAY

# Contact

- **Emmanuel CULETTO**

  MCF
- **Sophie Bezzenine**

  PR

http://www.polytech.universite-paris-saclay.fr/formation/licence/sciences-de-la-vie/l3-interface-biologie-chimie