

ACADEMIC YEAR 2021-2022

“Ingénieur” program

Academic Offer

for Exchange students



Ecole d'Ingénieurs de PURPAN
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I. GENERAL INFORMATION

The “Ingénieur” program lasts 5 years in total. The first 3 years correspond to Bachelor (BSc) level courses, and the last 2 years correspond to Master (MSc) level courses.

The program is fully taught in French (except Spring semester “Global semester” in Year 4).

Therefore, a B2 level in French is recommended (B1 level only accepted after oral examination). Official reference is CEFRL <http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr>

Exchange students can arrive either for Fall or Spring semester, or for the Full Year. A **compulsory** Welcome session is organized at the beginning of each semester. Exchange students must also attend the French Language course (FLE) and the Intercultural module.

II. COURSE LOAD AND GRADING SYSTEM

PURPAN follows the European Credit Transfer System (ECTS).

Therefore a semester workload in the “Ingénieur” program corresponds to 30 ECTS. However, this curriculum includes not only courses, but also internships and reports, which are not always accessible to exchange students. So **Exchange students can usually choose courses worth between 15 to 25 ECTS per semester in the “Ingénieur” program.** They should thus inquire about their Home Institution requirements and check how they can reach them with this program.

Exchange students will be welcomed in Year 3 or 4 of the program. Access to Year 5 is restricted to students with enough academic background and who are fluent in French. Final enrolment in classes is subject to validation of prerequisites.

Students cannot mix courses from different years of studies (in order to avoid timetable conflicts).

PURPAN follows the ECTS grading scale. Local examinations are graded out of 20 and are translated into ECTS grades (as described hereunder).

Passing grade is 10/20. Some courses may be validated with ECTS, based on attendance (with the mention “NC”), or may be graded with an appreciation letter including a “+” or “-” differential.

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|------------------------|----------|------------|-------------|---------------|---------------|----------------|-------------|
| <i>PURPAN grade</i> | 0 - <8,5 | ≥8,5 - <10 | ≥10 - <10,5 | ≥10,5 - <12,5 | ≥12,5 - <14,5 | ≥ 14,5 - <16,5 | ≥ 16,5 - 20 |
| <i>ECTS grade</i> | F | Fx | E | D | C | B | A |
| <i>ECTS definition</i> | Fail | Fail | Sufficient | Satisfactory | Good | Very good | Excellent |

F = Considerable further work is required. / *Un travail supplémentaire considérable est nécessaire.*

Fx = Some more work is required before the credit can be awarded. / *Un travail supplémentaire est nécessaire pour l'octroi d'un crédit.*

NC = No examination but the student passes the module, he/she may however receive an appreciation letter (minimum passing letter= E, maximum= A+) for his/her work.

III. COURSE OFFER

VERY IMPORTANT:

Please note that names of the courses which are in French are **fully taught in French.**

Only the Spring semester of Year 4 (“Global Semester”) is fully taught in English.

Acceptance to courses with a (*) will be subject to validation of pre-requisites.

It is not possible to mix courses from different years.

In Year 3, it is compulsory to attend all courses of the selected “UE” (not possible to pick only one course of an “UE”).

FALL SEMESTER

YEAR 3 (in French) : September 2021 – February 2022

| UE | Area | Course Name | ECTS |
|----------|-------------------------|---|------|
| UE.13.01 | Agriculture – Ecologie | 13AGR01-Gestion des systèmes de grande culture * | 9 |
| | Agriculture – Ecologie | 13AGR02 - Gestion des systèmes d'élevage* | |
| | Agriculture – Ecologie | 13AGR03 - Gestion des plantes pérennes | |
| UE.13.02 | Sciences du vivant | 13SCV01 - Génétique et hérédité* | 6 |
| | Agriculture et Ecologie | 13AGR05-Sélection végétale et animale | |
| UE.13.03 | Management | 13MNG03-Management des systèmes d'information | 6 |
| | Management | 13MNG04-Notions de base de la mise sur le marché | |
| UE.13.04 | Communication | 13COM01-Langues vivantes 1 (Anglais – uniquement pour non-anglophone) | 9 |
| | Formation Humaine | 13FHE01-Stage à l'étranger (étudiants en échange projet d'entreprise) | |
| | Formation Humaine | 13FHE03 - Orientation Professionnelle | |

+ **compulsory** courses for exchange students only :

| Code | Area | Course Name | ECTS |
|---------|---------|---------------------------------|------|
| 99COM01 | Langues | Français Langue Etrangère (FLE) | 3 |
| 99FHE01 | Culture | Module interculturel | 2 |

YEAR 4 (in French) : September 2021 – January 2022

| Code | Area | Course Name | ECTS |
|---------|---|--|------|
| 14SCI01 | Sciences de l'ingénieur | Analyse des données | 3 |
| 14MNG01 | Management | Marketing Stratégique | 3 |
| 14MNG02 | Management | Gestion économique de l'entreprise * | 3 |
| 14MNG04 | Management | Gestion de production et Supply chain | 3 |
| 14MNG05 | Management | Projet d'entreprise * | 6 |
| 14MNG06 | Management | Cadre économique et juridique | 3 |
| 14MNG07 | Management | Stratégie d'entreprise | 3 |
| 14AGR03 | Agriculture et Ecologie | Filières et territoires | 3 |
| 14AGR05 | Option Filières (1 à choisir) | Economie des productions animales | 3 |
| 14AGR07 | | Commerce et marché des grains | |
| 14AGR09 | | Filières et marchés vitivinicoles | |
| 14AGR11 | | Filières et marché des fruits et légumes | |
| 14AGR13 | | Filières et marché de l'agriculture biologique | |
| 14MNG14 | Option Spécialisations (1 à choisir) | Economie du développement et économie internationale | 3 |
| 14MNG16 | | Grande Distribution | |
| 14FHE07 | | Science et fiction | |
| 14FHE06 | | Ecriture de soi | |
| 14SCV01 | | Biotechnologie | |
| 14SCI02 | | Agriculture numérique et bioénergies | |
| 14ALI01 | | Innovation en agroalimentaire | |
| 14SCI03 | | Modélisation avec R | |

+ **compulsory** courses for exchange students only :

| Code | Area | Course Name | ECTS |
|---------|---------|---------------------------------|------|
| 99COM01 | Langues | Français Langue Etrangère (FLE) | 3 |
| 99FHE01 | Culture | Module interculturel | 2 |

YEAR 5 (in French) : September – December 2021

| Code | Area | Course Name | ECTS |
|---------|--|--|------|
| 15MOS07 | Tronc commun (1 cours à choisir) | Think tank * | 7 |
| 15GME01 | | Management humain et Leadership * | |
| 15GME05 | | Développement durable en Entreprise * | |
| 15GME06 | | Stratégie et innovation * | |
| A510 | Domaine d'approfondissement (1 à choisir) | DA Forêt, Agriculture et Environnement * | 23 |
| A511 | | DA Création et Gestion Entreprise * | |
| A512 | | DA Management des Entreprises Viti-vinicoles * | |
| A513 | | DA Export et Management International * | |
| A514 | | DA IDEA Innovation et développement produit en IAA * | |
| A516 | | DA Management Commercialisation des Produits Alimentaires* | |
| A517 | | DA Finance, Banque et Assurance * | |
| A518 | | DA Accompagnement, Conseil et Innovation en Agriculture * | |
| A530 | | DA Agricultures et développement durable * | |

+ **compulsory** courses for exchange students only :

| Code | Area | Course Name | ECTS |
|---------|---------|---------------------------------|------|
| 99COM01 | Langues | Français Langue Etrangère (FLE) | 3 |
| 99FHE01 | Culture | Module interculturel | 2 |

SPRING SEMESTER (January-June 2022)

YEAR 3 (in French)

| Code | Area | Course Name | ECTS |
|----------|-------------------------|--|------|
| UE.13.05 | Sciences de l'ingénieur | 12SCI01 - Mémoire bibliographique (en français ou en anglais) | 6 |
| | Sciences de l'ingénieur | 13SCI02 - Traitement des données * | |
| UE.13.06 | Agroalimentaire | 13ALI01-Transformation des matières premières agricoles * | 6 |
| | Agroalimentaire | 13ALI02-Qualité des produits transformés * | |
| UE.13.07 | Management | 13MNG05-Transformation des mondes agricoles et ruraux | 6 |
| | Agroalimentaire | 13MNG01-Environnement économique et politique de l'exploitation agricole | |
| UE.13.08 | Management | 13MNG02-Diagnostic d'une exploitation agricole * | 6 |
| | Agroalimentaire | 13AGR04-ROAD360 | |
| UE.13.09 | Communication | 13COM02-Langues vivantes 2 (Esp-All-I, ou Port. débutant) | 6 |
| | Formation Humaine | 13FHE02-Formation humaine | |

+ **compulsory** courses for exchange students only :

| Code | Area | Course Name | ECTS |
|---------|---------|---------------------------------|------|
| 99COM02 | Langues | Français Langue Etrangère (FLE) | 3 |
| 99FHE02 | Culture | Module interculturel | 2 |

YEAR 4 (in English)

| Code | Area | Course Name | ECTS |
|---------|-----------------------|------------------------------|------|
| 14AGR14 | Agriculture - Ecology | CLIMATE CHANGE | 3 |
| 14ALI02 | Agrofood | FOOD RESOURCES & NUTRITION | 3 |
| 14AGR15 | Agriculture - Ecology | ENVIRONMENT AND BIODIVERSITY | 3 |
| 14FHE09 | Soft Skills | GLOBAL GENDER ISSUES | 3 |
| 14MNG20 | Management | GEOPOLITICS & GLOBAL TRADE | 3 |
| 14MNG21 | Management | COMMODITIES TRADE | 3 |
| 14FHE10 | Soft Skills | WORKING ACROSS CULTURES | 3 |
| 14MNG22 | Management | BETTER BUSINESS | 3 |

OPTIONAL :

| | | |
|---|---|---|
| FRENCH LANGUAGE AND INTERCULTURAL ISSUES OF STUDY ABROAD (LEVELS A1/A2 TO B1) | Basic knowledge of French (level A1/A2 to B1) and to understand French cultural identity. | 3 |
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