

UNIVERSITE DE SCIENCES AGRICOLES ET MEDICINE VETERINAIRE CLUJ-NAPOCA  
 FACULTE DE AGRICULTURE  
 PROGRAMME D'ÉTUDE: Agriculture, changements climatiques et surete alimentaire  
 COD: 0128

ROMANIA  
 Universitatea de Stiinte Agricole și Medicină Veterinară  
 Cluj-Napoca  
 MINISTERUL EDUCAȚIEI  
 RECTORAT  
 Prof. dr. Cornel CATOI

ROMANIA  
 Universitatea de Stiinte Agricole și Medicină Veterinară  
 Cluj-Napoca  
 MINISTERUL EDUCAȚIEI  
 SENAT  
 PRESIDENT SENAT  
 Prof. dr. Viorel MURB

**PLAN DE ENSEIGNEMENT**  
**Anne d'étude: II 2023/2024**

**I. Disciplines obligatoires**

| Nr. Crt.              | Discipline   | Code       | La categorie formative | Sem.I, 14 semaines  |   |   |   |    |    | Sem.II, 14 semaines |   |   |   |    |          | Le total Crédits / année |
|-----------------------|--|------------|------------------------|---------------------|---|---|---|----|----|---------------------|---|---|---|----|----------|--------------------------|
|                       |  |            |                        | Nbre heures/semaine |   |   |   |    |    | Nbre heures/semaine |   |   |   |    |          |                          |
|                       |  |            |                        | C                   | S | L | P | Cr | FV | C                   | S | L | P | Cr | FV       |                          |
| 1                     | Des technologies horticoles adaptees aux changements climatiques       | 0128020101 | DA                     | 2                   | 1 |   |   | 7  | E  |                     |   |   |   |    |          | 7                        |
| 2                     | Le climate et la production agricole                                   | 0128020102 | DA                     | 1                   | 2 |   |   | 6  | E  |                     |   |   |   |    |          | 6                        |
| 3                     | La modelisation des ressources de sol et l'eau                         | 0128020103 | DA                     | 1                   | 2 |   |   | 5  | E  |                     |   |   |   |    |          | 5                        |
| 4                     | La conservation et la valorification des ressources genetiques locales | 0128020104 | DA                     | 2                   | 1 |   |   | 7  | E  |                     |   |   |   |    |          | 7                        |
| 5                     | Des projets de developpement   | 0128020105 | DA                     |                     |   |   |   |    |    | 2                   | 2 |   |   | 5  | E        | 5                        |
| 6                     | La pratique et des activitees de recherche de specialite*              | 0128020106 | DA                     |                     |   |   |   |    |    | 1 sem. (30 ore)     |   |   |   | 10 | V        | 10                       |
| 7                     | La documentation et la elaboration de la these de disertation          | 0128020107 | DA                     |                     |   |   |   |    |    | 2 sem. (60 ore)     |   |   |   | 15 | P        | 15                       |
| <b>Semestre total</b> |  |            |                        | 6                   | 6 | 0 | 0 | 25 | 4E | 2                   | 2 | 0 | 0 | 30 | 1E/1V/1P | 55                       |
| Total heures          |  |            |                        | 12                  |   |   |   |    |    | 4                   |   |   |   |    |          |                          |

**II. Disciplines optionelles**

| Package optionnel 1                                 |   |            |                        |    |   |   |   |    |    |    |          |   |   |    |    |                          |   |    |             |    |
|---|---|------------|------------------------|----|---|---|---|----|----|----|----------|---|---|----|----|--------------------------|---|----|-------------|----|
| Nr. Crt.  | Discipline  | Code       | La categorie formative | C  | S | L | P | Cr | FV | C  | S        | L | P | Cr | FV | Le total Crédits / année |   |    |             |    |
| 8   | La conservation des sols  | 0128020208 | DA                     | 2  | 1 |   |   | 5  | V  |    |          |   |   |    |    |                          |   |    |             |    |
| 9   | Des especes invasives comme indicateurs des changements climatiques | 0128020209 | DA                     | 2  | 1 |   |   | 5  | V  |    |          |   |   |    |    |                          |   |    |             |    |
| <b>Total ore/credite pachet optional 1</b>          |   |            |                        | 3  |   |   |   |    |    | 5  |          |   |   |    |    | 5                        |   |    |             |    |
| <b>Semestre total</b>                               |   |            |                        | 2  | 1 |   |   | 5  | V  |    |          |   |   |    |    |                          | 5 |    |             |    |
| Total heures  |   |            |                        | 3  |   |   |   |    |    | 0  |          |   |   |    |    |                          |   |    |             |    |
| <b>Année totale : heures, crédits, vérification</b> |   |            |                        | 15 |   |   |   |    |    | 30 | 4E<br>1V | 4 |   |    |    |                          |   | 30 | 1E<br>1V/1P | 60 |

PRORECTOR,  
 Prof. dr. Ioana POP

ROMANIA  
 Universitatea de Stiinte Agricole și Medicină Veterinară  
 Cluj-Napoca  
 MINISTERUL EDUCAȚIEI  
 DECAN  
 Prof. dr. Roxana VIDICAN

COORDONATOR PROGRAM,  
 Conf. dr. Ayram FIȚIU