

CURRICULUM **
Year of study I

| Code | Disciplines* | Type | Sem. I [hours / week] | | | | Total of hours / sem. | Type of Exami- nation | Cre- dits | IS [hours / sem.] | Condi- tioning |
|-----------|-------------------------------------|------|--------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
| | | | C | S | L | P | | | | | |
| | OBLIGATORII IMPUSE | | | | | | | | | | |
| STII-0301 | Terrestrial ecosystems biodiversity | SYD | 2 | - | 2 | - | 56 | Ex | 8 | 144 | |
| STII-0300 | Aquatic ecosystems biodiversity | SYD | 2 | - | 2 | - | 56 | Ex | 8 | 144 | |
| STII-0422 | Fundamentals of practical ecology | THD | 2 | - | 2 | - | 56 | Ex | 8 | 144 | |
| | TOTAL | | 6 | - | 6 | - | 168 | | 24 | 432 | |
| | OBLIGATORII OPd'z'IONALE | | | | | | | | | | |
| STII-0795 | Quaternary | SYD | 1 | - | 1 | - | 28 | Ex | 6 | 122 | |
| STII-0796 | Endemic species | SYD | 1 | - | 1 | - | 28 | Ex | 6 | 122 | |
| | TOTAL | | 1 | - | 1 | - | 28 | | 6 | 122 | |

| Code | Disciplines* | Type | Sem. II [hours / week] | | | | Total of hours / sem. | Type of Exami- nation | Cre- dits | IS [hours / sem.] | Condi- tioning |
|-----------|--|------|---------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
| | | | C | S | L | P | | | | | |
| | OBLIGATORII IMPUSE | | | | | | | | | | |
| STII-0797 | Subterranean habitats | THD | 1 | - | 1 | - | 28 | Ex | 4 | 72 | |
| STII-0778 | Transportation ecology | SYD | 1 | - | 1 | - | 28 | Ex | 4 | 72 | |
| STII-0775 | Anthropic impact | SYD | 1 | - | 1 | - | 28 | Ex | 4 | 72 | |
| STII-0776 | Pollutant factors and sources | SYD | 1 | - | 1 | - | 28 | Cv | 4 | 72 | |
| STII-0636 | Ecological monitoring and protected areas management | SYD | 2 | - | 2 | - | 56 | Ex | 7 | 119 | |
| STII-0371 | Field practice | AKD | - | - | - | - | 90 | Cv | 3 | 0 | |
| | TOTAL | | 6 | - | 6 | - | 258 | | 26 | 407 | |
| | OBLIGATORII OPd'z'IONALE | | | | | | | | | | |
| STII-0642 | Bioclimatology | SYD | 1 | - | 1 | - | 28 | Cv | 4 | 72 | |
| STII-0423 | Ecological biogeography | SYD | 1 | - | 1 | - | 28 | Cv | 4 | 72 | |
| | TOTAL | | 1 | - | 1 | - | 28 | | 4 | 72 | |

Legend: C - Course; S - Seminar; L - Practical (laboratory); P - Project; IS - Individual Study; THD - Thoroughgoing Disciplines; SYD - Synthesis Disciplines; AKD - Advanced Knowledge Disciplines; UO - University Choice; DR - Disciplines relevant to the students' training in a certain field, available according to the options of the institution. Type of Examination - Verification Form, Ex. - examination; Cv. - Colloquium, Vp. - Continuous Assessment, Pr - Project; A/R- Passed/Failed; Credits - number of ECTS credits; IS - Individual study.

Head of departament ,
Associate Professor Dr. Diana CUPȘA

RECTOR,
Professor Dr. BUNGĂU Constantin

DEAN,
Professor Dr. MACOCIAN Eugen-Victor

CURRICULUM **
Year of study II

| Code | Disciplines* | Type | Sem. III [hours / week] | | | | Total of hours / sem. | Type of Exami- nation | Cre- dits | IS [hours / sem.] | Condi- tioning |
|-----------|--|------|----------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
| | | | C | S | L | P | | | | | |
| | OBLIGATORII IMPUSE | | | | | | | | | | |
| STII-0777 | Urban ecosystems | SYD | 1 | - | 1 | - | 28 | Ex | 5 | 97 | |
| STII-0453 | Ecological restoration and biodiversity conservation | THD | 2 | - | 2 | - | 56 | Ex | 8 | 144 | |
| STII-0643 | Invasive species | AKD | 1 | - | 2 | - | 42 | Ex | 6 | 108 | |
| STII-0373 | Taxonomy principles | SYD | 1 | - | 1 | - | 28 | Ex | 5 | 97 | |
| STII-0766 | Ethics and integrity in scientific research | SYD | 1 | - | - | - | 14 | Cv | 2 | 36 | |
| | TOTAL | | 6 | - | 6 | - | 168 | | 26 | 482 | |
| | OBLIGATORII OPd'z'IONALE | | | | | | | | | | |
| STII-0434 | Ecosystems and ecological evolution | SYD | 1 | - | 1 | - | 28 | Cv | 4 | 72 | |
| STII-0325 | Major steps of evolution | SYD | 1 | - | 1 | - | 28 | Cv | 4 | 72 | |
| | TOTAL | | 1 | - | 1 | - | 28 | | 4 | 72 | |
| | FACULTATIVE | | | | | | | | | | |
| STII-0644 | Speciation and extinction | SYD | 1 | - | 1 | - | 28 | Ex | 3 | 47 | |
| STII-0645 | Organisation of living world | SYD | 1 | - | 1 | - | 28 | Vp | 3 | 47 | |

| Code | Disciplines* | Type | Sem. IV [hours / week] | | | | Total of hours / sem. | Type of Exami- nation | Cre- dits | IS [hours / sem.] | Condi- tioning |
|-----------|--|------|---------------------------|----------|----------|----------|-----------------------------|-----------------------------|--------------|-------------------------|-------------------|
| | | | C | S | L | P | | | | | |
| | OBLIGATORII IMPUSE | | | | | | | | | | |
| STII-0384 | Wetlands: biodiversity and importance | SYD | 1 | - | 1 | - | 24 | Ex | 5 | 101 | |
| STII-0238 | Research practice | SYD | - | - | 4 | - | 48 | Cv | 7 | 127 | |
| STII-0637 | Preparing the dissertation | SYD | - | - | 4 | - | 48 | A/R | 8 | 152 | |
| | TOTAL | | 1 | - | 9 | - | 120 | | 20 | 380 | |
| | OBLIGATORII OPd'z'IONALE | | | | | | | | | | |
| | PACHET 1 | | | | | | | | | | |
| STII-0800 | Environmental biotechnologies | AKD | 1 | - | 1 | - | 24 | Ex | 5 | 101 | |
| STII-0454 | Environmental resources | AKD | 1 | - | 1 | - | 24 | Ex | 5 | 101 | |
| | PACHET 2 | | | | | | | | | | |
| STII-0799 | Phylogeography | SYD | 1 | - | 1 | - | 24 | Ex | 5 | 101 | |
| STII-0378 | Ecological and biogeographical division of Romanian biodiversity | SYD | 1 | - | 1 | - | 24 | Ex | 5 | 101 | |
| | TOTAL | | 2 | - | 2 | - | 48 | | 10 | 202 | |
| | FACULTATIVE | | | | | | | | | | |
| STII-0379 | Environment- genotype-phenotype relationship | THD | 1 | - | 1 | - | 24 | Ex | 5 | 101 | |
| STII-0779 | Soil biology | SYD | 1 | - | 1 | - | 24 | Cv | 5 | 101 | |

Legend: C - Course; S - Seminar; L - Practical (laboratory); P - Project; IS - Individual Study;
 THD - Thoroughgoing Disciplines; SYD - Synthesis Disciplines; AKD - Advanced Knowledge Disciplines; UO - University Choice; DR - Disciplines relevant to the students' training in a certain field, available according to the options of the institution.
 Type of Examination - Verification Form, Ex. - examination; Cv. - Colloquium, Vp. - Continuous Assessment, Pr - Project; A/R- Passed/Failed; Credits - number of ECTS credits; IS - Individual study.

**Head of departament ,
 Associate Professor Dr. Diana CUPŞA**

**RECTOR,
 Professor Dr. BUNGĂU Constantin**

**DEAN,
 Professor Dr. MACOCIAN Eugen-Victor**

VIII. DISTRIBUTION OF CREDITS ACCORDING TO COMPETENCES (TABLES NRQHE /ARACIS - Grid 1 *)

| No. | Discipline** | Sem. | Number of credits | Professional Competences | | | | | | Transversal Competences | | |
|-----|--|------|-------------------|--------------------------|----|----|----|----|----|-------------------------|-----|-----|
| | | | | C1 | C2 | C3 | C4 | C5 | C6 | CT1 | CT2 | CT3 |
| 1. | Terrestrial ecosystems biodiversity | I | 8 | 1 | | 1 | 1 | 2 | 2 | 1 | | |
| 2. | Aquatic ecosystems biodiversity | I | 8 | 1 | | 1 | 1 | 2 | 2 | 1 | | |
| 3. | Fundamentals of practical ecology | I | 8 | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | |
| 4. | Quaternary | I | 6 | 1 | 1 | 1 | | | 1 | 1 | | |
| 5. | Endemic species | I | 6 | 1 | 1 | 1 | | | 1 | 1 | | |
| 6. | Subterranean habitats | II | 4 | 1 | | 1 | 1 | 1 | | | | |
| 7. | Transportation ecology | II | 4 | | | 1 | 1 | | 1 | 1 | | |
| 8. | Anthropic impact | II | 4 | 0 | 1 | 1 | | | 1 | 1 | | |
| 9. | Pollutant factors and sources | II | 4 | | 1 | 1 | 1 | 1 | | | | |
| 10. | Ecological monitoring and protected areas management | II | 7 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 |
| 11. | Field practice | II | 3 | | | | | | 1 | 1 | 1 | |
| 12. | Bioclimatology | II | 4 | | | 1 | | 1 | 1 | 1 | | |
| 13. | Ecological biogeography | II | 4 | | | 1 | | 1 | 1 | 1 | | |
| 14. | Urban ecosystems | III | 5 | | | 1 | 1 | 1 | 1 | 1 | 1 | |
| 15. | Ecological restoration and biodiversity conservation | III | 8 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 16. | Invasive species | III | 6 | | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 17. | Taxonomy principles | III | 5 | 1 | 1 | 1 | | 1 | 1 | | | |
| 18. | Ethics and integrity in scientific research | III | 2 | | | | | | 1 | 1 | | |
| 19. | Ecosystems and ecological evolution | III | 4 | 1 | 1 | 1 | | | 1 | | | |
| 20. | Major steps of evolution | III | 4 | 1 | 1 | 1 | | | 1 | | | |
| 21. | Speciation and extinction | III | 3 | | 1 | | 1 | 1 | | | | |
| 22. | Organisation of living world | III | 3 | 1 | | 1 | | | | 1 | | |
| 23. | Wetlands: biodiversity and importance | IV | 5 | | | 1 | 1 | 1 | 1 | 1 | | |
| 24. | Research practice | IV | 7 | | | | 2 | 1 | 1 | 1 | 1 | 1 |
| 25. | Preparing the dissertation | IV | 8 | | | | 1 | 1 | 2 | 2 | 1 | 1 |
| 26. | Environmental biotechnologies | IV | 5 | | | | 1 | 1 | 1 | 1 | | 1 |
| 27. | Environmental resources | IV | 5 | | | | 1 | 1 | 1 | 1 | | 1 |
| 28. | Phylogeography | IV | 5 | 1 | | 1 | | 1 | 1 | 1 | | |
| 29. | Ecological and biogeographical division of Romanian biodiversity | IV | 5 | 1 | | 1 | | 1 | 1 | 1 | | |
| 30. | Environment- genotype-phenotype relationship | IV | 5 | | 1 | 1 | 1 | 1 | 1 | | | |
| 31. | Soil biology | IV | 5 | 1 | | 1 | 1 | 1 | 1 | | | |

Legendă: C1 - C5 sau C6 - Competențe profesionale; CT1 - CT3 - Competențe transversale

* Se va utiliza Grila 1 (G1) care prezintă variantele: G1L și G1M corepunzătoare ciclurilor de studii de licență și masterat, în conformitate cu Ordinul MECS nr. 5703 / 18.10.2011.

** Se vor trece toate disciplinele din Planul de învățământ