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| U.L.S. "King Mihai I" from Timişoara |  |
| **Faculty of Bioengineering of Animal Resources** |  |
| University studies: **Master** |  |
| Domain: **Biotechnologies** |  |
| Study programme: **Reproduction Biotechnologies in Animal Genetic Improvement** |  |
| Form of study: **Full-Time** |  |
| Duration of the study programme: **2 years/4 semesters / 3+1** |  |
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|  | **Curriculum, academic year 2022/2023** |
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| No. | DISCIPLINE | Discipline Code | ECTS credits, 1st sem. | ECTS credits, 2nd sem. |
|
| 1 | Biotechnological Control of Reproductive Function in Animals 1 | BRAA.01.S.1 | 16 | - |
| 2 | Animal Reproductive Endocrinology | BRAA.02.A.1 | 7 | - |
| 3 | Methods for Genetic Value Prediction of Breeding Animals | BRAA.03.S.1 | 7 | - |
| 4 | Biotechnological Control of Reproductive Function in Animals 2 | BRAA.04.S.2 | - | 6 |
| 5 | Embryo Associated Biotechnologies | BRAA.05.A.2 | - | 9 |
| 6 | Biotechnologies for the Genetic Structure Improvement of Animal Populations | BRAA.06.S.2 | - | 9 |
| 7 | Advanced Biotechnology Laboratory Methods | BRAA.07.A.2 | - | 6 |
| 8 | Applied Animal, Microbial and Plant Biotechnologies | BRAA.01.S.3 | 8 | - |
| 9 | Soil-Plant-Animal Interaction | BRAA.02.S.3 | 5 | - |
| 10 | Rural Economy | BRAA.03.S.3 | 7 | - |
| 11 | Biotehniques for the Control of Digestive Function | BRAA.04.S.3 | 8 | - |
| 12 | Ethics and academic integrity | BRAA.05.C.3 | 2 | - |
| 13 | Practical Training | BRAA.06.S.4 | - | 5 |
| 14 | Scientific Research for the Elaboration of the Dissertation Paper | BRAA.07.S.4 | - | 20 |
| 15 | Elaboration of the Dissertation Paper | BRAA.08.S.4 | - | 5 |
| TOTAL | 30 | 30 |