**«8D08602 – Land melioration, recultivation and land protection»**

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| № | UС/EC | Discipline Code | Name of the discipline,  forming competencies | Total in academic credits | | Distribution of credits by courses and semesters | | | | | | | |
| 1 course | | 2 course | | 3 course | | | |
| 1 | 2 | 3 | 4 | 5 | | 6 | |
| **1** |  |  | **Theoretical classes** | **45** | |  |  |  |  |  | |  | |
| **1.1** | **CS** |  | **Core subjects cycle (CS)** | **20** | |  |  |  |  |  | |  | |
| 1.1.1 | UC | MSR 8101 | Methods of scientific research | 5 | | 5 |  |  |  |  | |  | |
| 1.1.2 | UC | AW 8102 | Academic writing | 5 | | 5 |  |  |  |  | |  | |
| 1.1.3 |  | TР 8103 | Teaching practice | 10 | |  |  |  |  |  | |  | |
| **1.2** | **MS** |  | **Major subjects cycle (MS)** | **25** | |  |  |  |  |  | |  | |
|  | **Module 1 - Environmental arrangement of the territory** | | | | **15** |  |  |  |  |  | |  | |
| 1.2.1 | EC | CRCRB  8301 | Complex reclamation of the catchment of river basins | | 5 | 5 |  |  |  |  | |  | |
| MAT 8301 | Melioration arrangement of the territory | |
|  | **Module 2 - Increasing the sustainability of agricultural landscapes** | | | | **15** |  |  |  |  |  | |  | |
| 1.2.2 | EC | MRDAL  8302 | Methods for restoring disturbed agricultural landscapes | | 5 | 5 |  |  |  |  | |  | |
| MAL 8302 | Monitoring of agricultural landscapes | |
| 1.2.3 | EC | TFSSDP  8303 | Theoretical foundations of soil salinization and desalinization processes | | 5 | 5 |  |  |  |  | |  | |
| ATIARPAL 8303 | Adapted technologies for increasing the agro-resource potential of agricultural landscapes | |
|  | **Module 3 - Study of methods for the design of reclamation systems** | | | | **10** |  |  |  |  | |  | |  |
| 1.2.4 | EC | SEMWUS  8304 | Study of environmental management and water use systems | | 5 | 5 |  |  |  | |  | |  |
| ESTLR  8304 | Ecological safe technologies in land reclamation | |
| 1.2.5 | EC | DWMSS  8305 | Design of water management systems and structures | | 5 | 5 |  |  |  | |  | |  |
| ACSRS  8305 | Assessment of the current state of reclamation systems | |
|  | **Module 4 - Melioration technology of urbanized areas** | | | | **5** |  |  |  |  | |  | |  |
| 1.2.6 | EC | ARRA  8306 | Arrangement and reclamation of recreational areas | | 5 | 5 |  |  |  | |  | |  |
| SSMUA  8306 | Scientific support for monitoring urbanized areas | |
| 1.2.7 |  | RP 8307 | Research practice | | 10 |  | 10 |  |  | |  | |  |
| **2** |  |  | **Research work by a doctoral candidate (DRW)** | |  |  |  |  |  | |  | |  |
| 2.1 |  | RWDC 8401 | Research work by a doctoral candidate (DRW) | | 123 | 5 | 10 | 30 | 30 | | 30 | | 18 |
| **3** |  |  | **Final assessment (FA)** | | **12** |  |  |  |  | |  | |  |
| 3.1 |  |  | Writing and defending doctoral thesis | | 12 |  |  |  |  | |  | | 12 |
|  |  |  | **Total** | | **180** | **30** | **30** | **30** | **30** | | **30** | | **30** |