Latvia University of Agriculture

Faculty of Agriculture

**Academical Higher Education Master’s Study Program “Agriculture”**

**Study Plan for the Study-Year 2020/2020 (Specialization — Horticulture)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Code of the study course | Study course | CP | University lecturer | Term | | | | |
| I | | II | III | IV |
| **Part A 32 CP** | | | | | | | | |
| LauZ5134 | Preparation of research reports I | 1 | B.Bankina | \*\*I | |  |  |  |
| LauZ5133 | Preparation of research reports II | 2 | Z.Gaile |  | | \*\*\*Ia |  |  |
| LauZ6066 | Agricultural biology | 4 | I.Alsiņa | \*E | |  |  |  |
| LauZ5132 | Research Methodology | 4 | L. Zariņa | E | |  |  |  |
| Ekon5123 | Investments for Rural Development | 4 | I.Pilvere |  | | E |  |  |
| LauZ5131 | Fertilizers and Fertilization Systems | 3 | A.Kārkliņš | E | |  |  |  |
| LauZ5165 | Integrated Management of Harmful Organisms | 3 | B.Bankina,  J. Gailis |  | | Ia |  |  |
| LauZ5124 | Plant Genetics and Breeding | 2 | A.Kronberga | E | |  |  |  |
| LauZ5149 | Precision Agriculture II | 3 | K. Kampuss, I. Grāvīte | E | |  |  |  |
| LauZP048 | Agriculture [Research practice] | **6** | Supervisor concerning the development of Master’s Thesis |  | |  | I |  |
| LauZ6129 | Master Thesis I | **6** |  | | I |  |  |
| LauZ6130 | Master Thesis II | **5** |  | |  |  | I |
| LauZ6131 | Master Thesis III | **14** |  | |  |  | I |
| **Part B 19 CP** | | | | | | | | |
| LauZ6105 | Basic Biology in Horticulture **– compulsory for specialization in Horticulture** | 4 | K. Kampuss | E | |  |  |  |
| LauZ6133 | Fruit Science | 5 | K. Kampus |  | |  | E |  |
| **LauZ6134** | Vegetable Science | 5 | I. Alsiņa  I.Sivicka |  | |  | E |  |
| LauZ6111 | Nursery Plant Management | 5 | D. Siliņa |  | |  | E |  |
| **LauZ5166** | Beekeeping and Pollination Biology | 5 | D. Siliņa, J. Gailis |  | |  | E |  |
| LauZ6115 | Soil and plant analysis | 5 | A.Kārkliņš |  | |  | E |  |
| LauZ6114 | Soil resources inventory | 5 | A.Kārkliņš |  | |  | E |  |
| LauZ5142 | Plant eco-physiology | 5 | I. Alsiņa |  | |  | E |  |
| LauZ6137 | Pests and Pathogens of Crops | 5 | J. Gailis, B. Bankina |  | |  | E |  |
| **Compulsory Choice 4 CP** | | | |  | | Ia |  |  |
| **According to terms** | | | | **21** | | **19** | **21** | **19** |
| **Within the study period** | | | | | **80** | | | |

\*E – Exam, \*\*T – Tests, **\*\*\***Tg – Test with a grade