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| Znak univerziteta | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme AccreditationUNDERGRADUATE ACADEMIC STUDIES Agricultural engineering |
| Table 5.1 Schedule of the Study Programme |
|  | **ID** | **Course name** | **Sem.** | **Study type** | **Status** | **Active teaching classes (weekly)** | **ECTS** |
|  |  |  |  |  | **L** | **P** | **OC** | **SR** |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Year: 1 |
| 1. | 3OPT1O01 | Mathematics | I | AG | Mandatory | 3 | 3 |  | 1 | 6 |
| 2. | 3OPT1O02 | Mechanics | I | ТМ | Mandatory | 4 | 4 |  | 1 | 7 |
| 3. | 3OPT1O03 | Engineering communication | I | ТМ | Mandatory | 2 | 3 |  | 2 | 6 |
| 4. | 3OPT1O04 |  [General Chemistry](file:///D%3A%5CAkreditacija%5CAkreditacija%202013%20Sablon%20OAS%20PT%5CXLS%20NastavniciSaradnici%5CPredmeti%5C%21Opsta%20hemija.xls)  | I | AG | Mandatory | 3 | 2 |  |  | 6 |
| 5. | 3OPT1O05 | Principles of economics | I | AG | Mandatory | 2 | 0 |  |  | 5 |
| 6. |  | Elective - Mandatory [Mathematics 2](file:///D%3A%5CAkreditacija%5CAkreditacija%202013%20Sablon%20OAS%20PT%5CXLS%20NastavniciSaradnici%5CPredmeti%5C%21Matematika2.xls)  English Language | II | AG | Elective - Mandatory | 2 | 2 |  | 4 | 6 |
| 7. | 3OPT2O06 | Soil science | II | ТМ | Mandatory | 3 | 3 |  |  | 6 |
| 8. | 3OPT2O07 | Strength of Materials | II | ТМ | Mandatory | 2 | 3 |  |  | 6 |
| 9. | 3OPT2O08 | Mechanical and agricultural materials | II | ТМ | Mandatory | 4 | 4 |  |  | 7 |
| 10. | 3OPT2O09 | Sociology | II | AG | Mandatory | 2 | 1 |  |  | 5 |
|  | Total number of active teaching classes per year | 405(L)+375(P) |
| Year: 2 |
| 11. | 3OPT3O10 | Field and Vegetable Crops Production | III | SP | Mandatory | 4 | 2 |  |  | 6 |
| 12. | 3OPT3O11 | Тhermotechnics and renewable energy | III | TM | Mandatory | 3 | 3 |  | 1 | 7 |
| 13. | 3OPT3O12 | Mechinе elements | III | ТМ | Mandatory | 3 | 3 |  | 2 | 6 |
| 14. | 3OPT3O13 | Information and Communication Technologies in Agricultural Engineering | III | SP | Mandatory | 2 | 2 |  | 1 | 6 |
| 15. | 3OPT3O14 | Plant Protection | III | SP | Mandatory | 2 | 2 |  |  | 5 |
| 16. | 3OPT4O15 | Power machines | IV | PA | Mandatory | 2 | 3 |  |  | 5 |
| 17. | 3OPT4O16 | Repair Equipment and work shop practice | IV | PA | Mandatory | 2 | 5 |  |  | 6 |
| 18. |  | Elective - Mandatory Machines in forestry and waterpower engineering Statistical methods | IV | SP | Elective - Mandatory | 2 | 2 |  |  | 6 |
| 19. | 3OPT4O17 | Electrical engineering and electrical machines | IV | SP | Mandatory | 3 | 3 |  |  | 5 |
| 20. | 3OPT4O18 | Мechanisms of agricultural machinery | IV | ТМ | Mandatory | 2 | 2 |  |  | 5 |
| 21. | 3OPT4O19 |  [Working practice (60 hours per year)](file:///D%3A%5CAkreditacija%5CAkreditacija%202013%20Sablon%20OAS%20PT%5CXLS%20NastavniciSaradnici%5CPredmeti%5C%21Radna%20praksa.xls) | IV | PA | Mandatory | - | - |  | 4 | 3 |
|  | Total number of active teaching classes per year | 375(L)+405(P) |
| Year: 3 |
| 22. | 3OPT5O20 | Hydropneumatic engineering | V | SP | Mandatory | 3 | 3 |  |  | 6 |
| 23. | 3OPT5O21 | Agricultural tractors | V | PA | Mandatory | 4 | 3 |  |  | 7 |
| 24. | 3OPT5O22 | Mechanization in Field Production I | V | PA | Mandatory | 3 | 3 |  |  | 6 |
| 25. | 3OPT5O23 | Animal Husbandry | V | SP | Mandatory | 2 | 1 |  |  | 5 |
| 26. |  | Elective - MandatoryОccupational safety in agriculture Enterprise Economics | V | SP | Elective - Mandatory | 2 | 2 |  | 4 | 6 |
| 27. | 3OPT6O24 | Automatics in Agriculture | VI | SP | Mandatory | 3 | 2 |  |  | 5 |
| 28. | 3OPT6O25 | Mechanization in Field Production II | VI | PA | Mandatory | 3 | 3 |  |  | 5 |
| 29. | 3OPT6O26 | Mechanization of orchard, vineyard and plant protection | VI | PA | Mandatory | 4 | 3 |  |  | 6 |
| 30. | 3OPT6O27 | Fruit growing and viticulture | VI | SP | Mandatory | 2 | 2 |  |  | 5 |
| 31. |  |  [Elective course 4.](file:///D%3A%5CAkreditacija%5CAkreditacija%202013%20Sablon%20OAS%20PT%5CStudijski%20programi%20Sablon%5CTabele%5CTabela%205.3%20-%20Izborna%20nastava.docx) | VI | SP | Elective | 2 | 2 |  |  | 6 |
| 32. | 3OPT6O28 | Manufacturing [practice (60 hours per year)](file:///D%3A%5CAkreditacija%5CAkreditacija%202013%20Sablon%20OAS%20PT%5CXLS%20NastavniciSaradnici%5CPredmeti%5C%21Proizvodna%20praksa.xls) | VI | PA | Mandatory | - | - |  | 4 | 3 |
|  | Total number of active teaching classes per year | 420(L)+360(P) |
| Year: 4 |
| 33. | 3OPT7O29 | Process technique | VII | SP | Mandatory | 2 | 2 |  |  | 6 |
| 34. | 3OPT7O30 | Machines in vegetable production | VII | PA | Mandatory | 4 | 3 |  |  | 6 |
| 35. | 3OPT7O31 | Livestock machinery | VII | PA | Mandatory | 4 | 3 |  |  | 6 |
| 36. |  | Elective course 5 | VII | ТМ | Elective | 2 | 2 |  | 2 | 6 |
| 37. |  | Elective course 6 | VII | PA | Elective | 2 | 2 |  | 2 | 6 |
| 38. | 3OPT8O32 | Drying and Storage | VIII | PA | Mandatory | 3 | 3 |  |  | 3 |
| 39. | 3OPT8O33 | Repair and maintenance of technical systems | VIII | PA | Mandatory | 3 | 3 |  |  | 3 |
| 40. | 3OPT8O34 | Exploatation of Production Systems | VIII | PA | Mandatory | 4 | 2 |  |  | 3 |
| 41. | 3OPT8O35 | Agricultural transportation means | VIII | PA | Mandatory | 2 | 2 |  |  | 3 |
| 42. | 3OPT8O36 | [Technological and organizational practicE (60 hours per year)](file:///D%3A%5CAkreditacija%5CAkreditacija%202013%20Sablon%20OAS%20PT%5CXLS%20NastavniciSaradnici%5CPredmeti%5C%21Tehnolosko%20organizaciona%20praksa.xls) | VIII | PA | Mandatory | - | - |  | 3 | 3 |
| 43. | 3OPT8O37 | Final tesis | VIII | SP | Mandatory | - | - |  | 5 | 15 |
|  | Total number of active teaching classes per year | 390(L)+330(P) |

**Study type**: AG (academic-general), TM (theoretical and methodological), SP (scientific and Professional), PA (Professional and applicable)

**Status:** E-elective, M-mandatory

**Active teaching classes:** L-lectures, P-Practical classes, SR-Study research work, OC-other classes