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| **uns** | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | **Polj** |
| Study Programme AccreditationUNDERGRADUATE ACADEMIC STUDIES  |

Table 9.1 Science, arts and professional qualifications

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| Name and last name: | Nebojsa Dedovic |
| Academic title: | Assistant Professor |
| Name of the institution where the teacher works full time and starting date: | University of Novi Sad, Faculty of Agriculture, Department for Agricultural Engineering, November 10, 1997. |
| Scientific or art field: | Mathematics, Analysis |
| Academic carieer |
|  | Year | Institution | Field |
| Academic title election: | 2014 | University of Novi Sad, Faculty of Agriculture |  Mathematics |
| PhD thesis: | 2014 | University of Novi Sad, Faculty of Sciences |  Mathematics, Analysis |
| Specialization: | - | - |  - |
| Magister thesis | 2004 | University of Novi Sad, Faculty of Sciences |  Mathematics, Numerical mathematics |
| Bachelor's thesis | 1996 | University of Novi Sad, Faculty of Sciences |  Mathematics |
| List of courses being held by the teacher in the accredited study programmes |
|  | ID | Course name | Study programme name, study typems - mandantory subject, es – elective subject | Number of active teaching classes |
| 1. | 3ОАИ1О01 | Mathematics | Agroindustrial Engineering - ms | 0+3 |
| 2. | 3ОАИ2О06 | Mathematics 2 | Agroindustrial Engineering - ms | 0+2 |
| 3. | 3ОУВ1О01 | Mathematics 1 | Water Management and Water Use - ms | 0+3 |
| 4. | 3ОУВ2О06 | Mathematics 2 | Water Management and Water Use - ms | 0+2 |
| 5. | 3OPT1O01 | Mathematics | Agricultural Engineering - ms | 0+3 |
| 6. | 3OPT2I38 | Mathematics 2 | Agricultural Engineering - es | 0+2 |
| 7. | 3OСT1O05 | Applied mathematics | Animal Husbandry - ms | 0+2 |
| 8. | 3ОВВ1И35 | Mathematics | Fruit Growing and Viticulture - es | 0+2 |
| 9. | 3ОВВ1И36 | Applied mathematics | Fruit Growing and Viticulture - es | 0+2 |
| 10. | 3ОФМ1И39 | Mathematics | Phytomedicine – es | 0+2 |
| 11. | 3ОФМ1И40 | Applied mathematics | Phytomedicine – es | 0+2 |
| 12. | 3ОАГ1И39 | Mathematics | Plant and Environment Protection - es | 0+2 |
| 13. | 3ОАГ1И40 | Applied mathematics | Plant and Environment Protection - es | 0+2 |
| 14. | 3OOП1И46 | Mathematics | Organic Agriculture – es | 0+2 |
| 15. | 3OOП1И46 | Applied mathematics | Organic Agriculture – es | 0+2 |
| 16. | 3ОХК1И37 | Mathematics | Horticlture – es | 0+2 |
| 17. | 3ОХК1И38 | Applied mathematics | Horticlture – es | 0+2 |
| 18. | 3OРT1И01 | Mathematics | Field and Vegetable Crops - es | 0+2 |
| 19. | 3OРT1И02 | Applied mathematics | Field and Vegetable Crops - es | 0+2 |
| 20. | 7OАГ1О05 | Mathematics | Agricultural Economics - ms | 0+3 |
| 21. | 7ОАТ1О05 | Mathematics | Agrotourism and Rural Development - ms | 0+3 |
| 22. | ЗМПТ1И06 | Operations Research | Master, Agricultural Engineering -es | 0+2 |
| 23. | 3ДАИ3104 | Mathematics with software support | Doctoral, Agronomy -es | 0+2 |
| Representative refferences (minimum 5, not more than 10) |
|  | Dedović N. Delta shock waves and wave-front tracking method (PhD thesis). University of Novi Sad, Faculty of Sciences, 2014. |
|  | Dedović N, Nedeljkov M. Delta shocks interactions and wave front tracking method, Journal of Mathematical Analysis and Applications, 403 (2013), 580–598. |
|  | Dedović N, Matić-Kekić S, Ponjičan O, Karadžić B. New approach to border line evaluations for whole sample of Williams pear (Pyrus communis), Computers and Electronics in Agriculture, 79 (2011), 94–101. |
|  | Simikić M, Dedović N, Savin L, Tomić M, Silleli H, Ponjičan O. Influence of eccentric drawbar force on power delivery efficiency of a wheeled tractor. Turkish Journal of Agriculture and Forestry. Turkish Journal of Agricultural Forestry 36 (2012), 486-500. |
|  | Babić Lj, Matić-Kekić S, Dedović N, Babić M, Pavkov I. Surface area and volume modeling of the Williams pear (Pyrus Communis). International Journal of Food Properties, 15(4) (2012), 880–890. |
|  | Krajinović M, Matić-Kekić S, Dedović N, Pihler I, Simin V, Simikić M, Savin L. Reproduction and culling influence on the number of ewes and lambs in two types of breeding, African Journal of Agricultural Research 7(24) (2012), 3506- 3512. |
|  | Dedović N, Igić S, Janić T, Matić-Kekić S, Ponjičan O, Tomić M, Savin L. Biomass boiler efficiency - mathematical modeling, Energies 5(5) (2012), 1470-1489. |
|  | Ponjičan O, Bajkin A, Jaćimović G, Tomić M, Savin L, Dedović N, Simikić M. Tillage quality affecting physical characteristics, number of plants and carrot root yield under flat and ridge cultivation, Journal of Food, Agriculture & Environment 10(2) (2012), 304-311. |
|  | Ponjičan O, Bajkin A, Dimitrijević A, Savin L, Tomić M, Simikić M, Dedović N, Zoranović M. The effects of working parameters and tillage quality on rotary tiller specific work requirement. African Journal of Agricultural Research 6(31) (2011), 6513-6524. |
|  | Tomić M, Matić-Kekić S, Savin L, Desnica E, Dedović N, Simikić M, Ponjičan O, Ašonja A. Optimization of the locations of overhaul capacities for agricultural engineering in Serbia by applying integer programming, African Journal of Agricultural Research 6(14) (2011), 3346-3354. |
| Summary data for the teacher's scientific or art and professional activity:  |
| Quotation total:  | - |
| Total of SCI (SSCI) list papers: | 9 (nine) |
| Current projects: | Domestic: 2 | International: - |
| Specialization  |  - |