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

Table 9.1 Science, arts and professional qualifications

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| Name and last name: | Sofija R. Petrović |
| Academic title: | Full Professor |
| Name of the institution where the teacher works full time and starting date: | University of Novi Sad, Faculty of Agriculture; 1989 |
| Scientific or art field: | Genetics, Plant Breeding and Seed Production |
| Academic carieer |
|  | Year | Institution | Field |
| Academic title election: | 2013. | University of Novi Sad, Faculty of Agriculture  | Genetics, Plant Breeding and Seed Production |
| PhD thesis: | 1997. | University of Novi Sad, Faculty of Agriculture | Genetics, Plant Breeding and Seed Production |
| Specialization: |  |  |  |
| Magister thesis | 1987. | University of Novi Sad, Faculty of Agriculture | Genetics, Plant Breeding and Seed Production |
| Bachelor's thesis | 1978. | University of Novi Sad, Faculty of Agriculture |  |
| List of courses being held by the teacher in the accredited study programmes |
|  | ID | Course name | Study programme name, study type | Number of active teaching classes |
| 1. | 3ORT3O123OVV3O113OHK3O13 | Genetics | Crop Science, Fruit Science and Viticulture, Horticulture, First level-Undergraduate Academic Studies (Bachelor) | 1,5 |
| 2 | 3ОFМ3I43 3OAG3I43 | Genetics | Plant Medicine, Agroecology and environmental protection; First level-Undergraduate Academic Studies (Bachelor) | 1 |
| 3. | 3ОFM3I44 3OAG3I44 | Genetics with Plant Breeding Fundamentals | Plant Medicine, Agroecology and environmental protection; First level-Undergraduate Academic Studies (Bachelor) | 1 |
| 4. | 3OAG6I48 | Genetically modified organisms | Agroecology and environmental protection; First level-Undergraduate Academic Studies (Bachelor) | 1 |
| 5. | 3OOP3O14 | Genetics and genetic resources | Organic Agriculture; First level-Undergraduate Accademic Studies (Bachelor) | 2 |
| 6. | 3МGО1I083MOP1I12 | The utilization of genetic resources | Genetics, Plant Breeding and Seed Production, Organic Agriculture; Second level- Graduate Academic Studies (Master) | 1 |
| 7. | 3МGО1I09 | Molecular genetics I | Genetics, Plant Breeding and Seed Production; Second level- Graduate Academic Studies (Master) | 1 |
| 8. | 3МGО1I12 | The experimental scientific work | Genetics, Plant Breeding and Seed Production; Second level- Graduate Academic Studies (Master) | 1 |
| 9. | 3МGО1О01  | The principles of genetic manipulation | Genetics, Plant Breeding and Seed Production; Second level- Graduate Academic Studies (Master) | 1,5 |
| 10 | 3МGО1О02 | Basic principles of quantitative genetics | Genetics, Plant Breeding and Seed Production; Second level- Graduate Academic Studies (Master) | 1,5 |
| 11 | 3МFM1I09 | Genetic Resistance to Plant Diseases and Pests | Plant Medicine; Second level- Graduate Academic Studies (Master) | 1 |
| 12 | МFM1I08 | The Genetic Bases of Plant Breeding | Plant Medicine; Second level- Graduate Academic Studies (Master) | 1 |
| Representative references (minimum 5, not more than 10) |
|  | Dimitrijević, M., PETROVIĆ, Sofija, Cimpeanu, C., Bucur, D., Belić, M. (2011): **Cereals and *Aegilops* genus biodiversity survey in the west Balkans: Erosion and preservation.** Journal of Food, Agriculture & Environment, 9 (3&4), 219-225 |
|  | Milić, D., Katić, S., Karagić, Đ., Gvozdanović-Varga, Jelica, PETROVIĆ, Sofija and Boćanski, J. (2011): **Genetic control of agronomic traits in alfalfa (*M. sativa ssp. sativa L.).*** Euphytica, 182:25-33 |
|  | Terzić, S., Atlagić, Jovanka, Maksimović, Ivana, Zeremski, Tijana, PETROVIĆ, Sofija, Dedić, B. (2012): **Influence of photoperiod on vegetation phases and tuber development in** **topinambour (*Helianthus tuberosus* L.).**Arch. Biol. Sci., Belgrade, 64 (1), 175-182. |
|  | Dimitrijević, M.,PETROVIĆ, Sofija, Banjac, B. (2012): **Wheat breeding in abiotic stress conditions of solonetz.** Genetika,44, 1, 91-100. |
|  | PETROVIĆ Sofija, Dimitrijević, M., Mihai, C., S., Bucur , D., Gurita Ana Andreea, Harja Maria, Maksimović Livija and Belić, M. (2012): **Spike yield stability in wheat grown under stress conditions of alkaline soil.** Journal of Food, Agriculture & Environment Vol.10 (2): 480-484. |
|  | PETROVIĆ Sofija, Dimitrijević, M. (2012): **Genetic erosion of diversity in cereals.** Genetika, 44, 2, 217-226.  |
|  | Belić, M., Nešić, Ljiljana., PETROVIĆ, Sofija, Dimitrijević, M., Ćirić, V., Pekeč, S., Vasin, J. (2012): **Impact of reclamation practices on the content and qualitative composition of exchangeable base cations of the solonetz soil.** Australian journal of crop science, 6 (10): 1471-1480. |
|  | Mikić A, Mihailović V, Dimitrijević M, PETROVIĆ Sofija, Ćupina B, Đorđević V, Kosev V, Milošević B, Jovanović Ž, Milovac Ž (2013): **Evaluation of seed yield and seed yield components in red-yellow (*Pisum fulvum*) and Ethiopian (*Pisum abyssinicum*) peas**. Genetic Resources and Crop Evolution, 60 (2): 629-638. |
|  | Selamovska, Ana, Kratovalieva, Suzana, PETROVIĆ, Sofija and Dimitrijević, M. (2013): **Microphenophases on some junebearing strawberry varieties in region of Skopje.** Bulgarian journal of agricultural science, 19, 4: 709-713 |
|  | Dimitrijević, M., PETROVIĆ, Sofija (2014): **SPECIES VARIATION OF *Aegilops* GENUS AND HEAVY METAL CONTENT IN PLANT HABITAT SOIL AT SOUTHERN ADRIATIC LOCALITIES**. Genetika, 46, 2, 381- 400. |
| Summary data for the teacher's scientific or art and professional activity:  |
| Quotation total:  | 13+53 |
| Total of SCI (SSCI) list papers: | 14 |
| Current projects: | Domestic: 1 | International: - |
|  Specialization  |  Universität Hohenheim, Hohenheim, Deutschland |