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

Table 9.1 Science, arts and professional qualifications

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| Name and last name: | | | | | | | F:\Personal Data\My Documents\Projekti\PROJEKTI\Evaluation_Award_Proposal_Projects\aegilops\UNESCO\SUNESCO\New Folder (2)\00.jpgSofija R. Petrovic | | | |
| Academic title: | | | | | | | Associate Professor | | | |
| Name of the institution where the teacher works full time and starting date: | | | | | | | University of Novi Sad, Faculty of Agriculture in Novi Sad;  1989. | | | |
| Scientific or art field: | | | | | | | Genetics, Plant Breeding and Seed Production | | | |
| Academic carieer | | | | | | | | | | |
|  | | | Year | Institution | | | | | Field | |
| Academic title election: | | | 2005. | University of Novi Sad, Faculty of Agriculture | | | | | Genetics, Plant Breeding and Seed Production | |
| PhD thesis: | | | 2000. | University of Novi Sad, Faculty of Agriculture | | | | | Genetics, Plant Breeding and Seed Production | |
| Specialization: | | |  |  | | | | |  | |
| Magister thesis | | | 1995. | University of Novi Sad, Faculty of Agriculture | | | | | Genetics, Plant Breeding and Seed Production | |
| Bachelor's thesis | | | 1988. | 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. | 3ORT3O12  3OVV3O11  3OHK3O13 | 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. | 3МGО1I08  3MOP1I12 | 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 refferences (minimum 5, not more than 10) | | | | | | | | | | |
|  | PETROVIĆ, Sofija, Dimitrijević, M. and Vuković, Nataša (2008): Utilization of wheat genetic resources in safety food production. XII International ECO- conference „Safe food“. 24-27. 09. Novi Sad. Proceedings, 185-191. | | | | | | | | | |
|  | Petrović, Sofija, Dimitrijević, M., Belić, M., Banjac. B., Bošković, Jelena, Zečević, Veselinka, Pejić, B., (2010): The variation of yield components in wheat *(Triticum aestivum* L.) in response to stressful growing conditions of alkaline soil. Genetika 42, 3, 545-555. | | | | | | | | | |
|  | 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. | | | | | | | | | |
|  | 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. | | | | | | | | | |
|  | PETROVIĆ, Sofija, Dimitrijević, M., Belić, M., Banjac. B., Bošković, Jelena, Zečević, Veselinka, Pejić, B., (2010): The variation of yield components in wheat *(Triticum aestivum* L.) in response to stressful growing conditions of alkaline soil. Genetika 42, 3, 545-555 | | | | | | | | | |
|  | 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. | | | | | | | | | |
|  | Mikić A, Mihailović V, Dimitrijević M, Petrović Sofija, Ćupina B, Đorđević V, Kosev V, Milošević B, Jovanović Ž, Milovac Ž (2012): Evaluation of seed yield and seed yield components in red-yellow (*Pisum fulvum*) and Ethiopian (*Pisum abyssinicum*) peas. Genetic Resources and Crop Evolution, DOI 10.1007/s10722-012-9862-2. | | | | | | | | | |
|  | 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 | | | | | | | | | |
|  | Zečević, Veselinka, Bošković, Jelena, Dimitrijević, M., PETROVIĆ, Sofija (2010): Genetic and phenotypic variability of yield components in wheat. Bulgarian journal of agricultural science, 16, 4, 422-428 | | | | | | | | | |
| Summary data for the teacher's scientific or art and professional activity: | | | | | | | | | | |
| Quotation total: | | | | | 13+53 | | | | | |
| Total of SCI (SSCI) list papers: | | | | | 11 | | | | | |
| Current projects: | | | | | Domestic: 1 | | | International: | | |
| Specialization | | Universität Hohenheim, Hohenheim, Deutschland | | | | | | | | |