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| Course: | | **BEE PRODUCT** | | | | | | | | | | |
| Course id: 3МST1I18 | |
| Number of ECTS: 6 | |
| Teacher: | | Nada P. Plavsa, Jelena B. Stanivuk | | | | | | | | | | |
| Course status | | Elective | | | | | | | | | | |
| Number of active teaching classes (weekly) | | | | | | | | | | | | |
| Lectures:  15x2 = 30 | | Practical classes:  10x2 =20 | | | | Other teaching types:  2 x5= 10 | | | Study research work: | | Other classes: | |
| Precondition courses | | Beekeeping | | | | | | | | | | |
| 1. Educational goal   Mastering the production of bee products (honey, propolis, royal jelly, bee venom, beeswax and bee larvae) in accordance with good beekeeping practices and principles of safe food production. | | | | | | | | | | | | |
| 1. Educational outcomes   Acquired knowledge of the student provides expertise in terms of getting the quality and quantity of valuable and very popular bee products. | | | | | | | | | | | | |
| 1. Course content   Theory lessons  History of bee products; Biological benefits of bee colonies and production of bee products; Technology of the production of honey, antibacterial substances in honey; Bee international source of long life and prophylaxis, Construction and technology of honeycomb wax on apiaries; technology obtaining royal jelly; Physico-chemical properties and composition of royal jelly; Keeping royal jelly;  Getting and keeping pollen; Pollen as a food and as a medicine; Collection and preparation of propolis on apiaries; Chemical and physical properties of propolis; The preparation of medicinal preparations of propolis; The technological process of obtaining raw venom on apiaries; Economy of apiaries; Apitherapy in modern medicine.  Practical teaching:  Harvesting honey; The dissolve wax; Setting catcher of pollen in the hive; Collecting, drying and packing pollen; The process of preparing companies for the production of royal jelly; Subtraction, packaging and storage of royal jelly; Application of Electric Appliances for collecting bee poisons; Equipment and packaging for bee products; | | | | | | | | | | | | |
| 1. Teaching methods   Lectures with application of audio-visual aids, field work on apiaries, work production facilities. | | | | | | | | | | | | |
| Knowledge evaluation (maximum 100 points) | | | | | | | | | | | | |
| Pre-examination obligations | | | Mandatory | | Points | | Final exam | | | Mandatory | | Points |
| Lecture attendance | | | Yes | | 5 | | Written part of the exam- theory | | | Yes | | 20 |
| Test | | | Yes | | 10 | | Oral part of the exam | | | Yes | | 40 |
| Exercise attendance | | | Yes | | 20 | |  | | | | | |
| Term paper | | | Yes | | 5 | |
| Literature | | | | | | | | | | | | |
| Ord. | Author | | | Title | | | | Publisher | | | | Year |
|  | Krivcov N. i Lebedev V. | | | Tehnologija proizvodnje pčelinjih proizvoda | | | | SPOS, Beograd | | | | 2000. |
|  | Mladenov S. i Radosavović M. | | | Lečenje pčelinjim proizvodima „Apiterapija“ i Osnove pčelarstva | | | | IKOMINTELEKT, Beograd | | | | 1997. |
|  | Erski-Biljić M. i Erski-Biljić A. | | | Pčelinji vosak-Apiterapija | | | | Grafos Plasman, Beograd | | | | 2004. |
|  | Živadinović R. | | | Priručnik o dobroj pčelarskoj praksi | | | | DP Aleksinac,Lapovo | | | | 2007 |

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| Znak univerziteta | UNIVERSITY OF NOVI SAD  FACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme Accreditation  MASTER ACADEMIC STUDIES Animal Production |
| Table 5.2 Course specification | | |