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| Course: | | **The Experimental Scientific Work** | | | | | | | | |
| Course id:3МГО1И12 | |
| Number of ECTS:6 | |
| Teacher: | | Full professors:dr Miodrag Dimitrijević, dr Sofija Petrović Teaching assistant: dr Borislav Banjac | | | | | | | | |
| Course status | | Elective | | | | | | | | |
| Number of active teaching classes (weekly) | | | | | | | | | | |
| Lectures:30 | | Practical classes:30 | | | Other teaching types:0 | | Study research work:0 | | Other classes:0 | |
| Precondition courses | | None/navesti ako ima | | | | | | | | |
| 1. Educational goal   The aim of the course is to introduce students with the procedures and rules of experimental scientific work. | | | | | | | | | | |
| 1. Educational outcomes   Students who successfully complete the course qualified to participate in the planning and setting up the experiment, processing and discussing the results of the experiment, and draw conclusions. | | | | | | | | | | |
| 1. Course content   The importance of scientific research; Selection topics for scientific work research; Methods of Studying literature; Planning experiment; Performing the experiment; Processing information Displaying data; Principles and methods of reasoning; Processing of research results; Preparation work for the Press; Write a review | | | | | | | | | | |
| 1. Teaching methods   Lectures, Consultations, Research work. | | | | | | | | | | |
| Knowledge evaluation (maximum 100 points) | | | | | | | | | | |
| Pre-examination obligations | | | Mandatory | Points | | Final exam | | Mandatory | | Points |
| Lecture attendance | | | Yes | 5 | | *Written part of the exam-tasks and theory+Oral part of the exam/* | | Yes | | 30+30 |
| Test | | | Yes | 3x10 | |  | | | | |
| Exercise attendance | | | Yes | 2.5 | |
| *Term paper* | | | Yes | 2.5 | |
| Literature | | | | | | | | | | |
| Ord. | Author | | Title | | | Publisher | | | | Year |
|  | Old R.W.,  Primrose B.S | | Principles of Gene Manipulation – An Introduction to Genetic Engeenering | | | Blackwell Scienitific Publications | | | | 1985 |
|  | Primrose B. S.,Twyman R. M. | | Principles of Gene Manipulation – An and Genomics | | | Blackwell Publishing | | | | 2006 |

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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 *Genetics, plant breeding and seed production* |
| Table 5.2 Course specification | | |