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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 SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme AccreditationMASTER ACADEMIC STUDIES *Genetics, plant breeding and seed production* |
| Table 5.2 Course specification |