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| Course: | **Projecting of maintenance systems of agrycultural engineering**  |
| Course id: ZMPT1I02 |
| Number of ECTS:6 |
| Teacher: | Tomić Milam |
| Course status | Elective |
| Number of active teaching classes (weekly) |
| Lectures:2 | Practical classes:2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None/navesti ako ima |
| Educational goalThe aim of the course is to acquaint students with modern methods in designing systems to maintain regular propriety of agricultural techniques, with special emphasis on ecology. |
| Educational outcomesAfter taking the course, students gain knowledge and skills that can enable them to design systems maintenance of proper techniques in particular agricultural enterprise. |
| Course contentTheoretical classesElements of the maintenance of proper; Calculation of system elements and determining resource needs; Application of the existing organization of work and preconditions; Improvement of the system depending on the modernization of agricultural techniques.Practical teaching: Exercise, Other modes of teaching,Analysis of the possibility of applying the system on various grounds, Calculation of a maintenance system for specific operating conditions; Design of components and the basis for specific cases; Design examples of systems maintenance of proper mechanical parks, Field research system set maintenance of proper. |
| Teaching methodsLectures with the use of video presentations, demonstration exercises in laboratory and field conditions, assignments, lab and seminar work, testing under laboratory and field conditions and consultation within the lectures and exercises. |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam (izabrati) | Mandatory | Points |
| Lecture attendance | Yes | 5 | Oral part of the exam and Written part of the exam-tasks and theory | Yes | 50 |
| Test | Yes | 15 |  |
| Exercise attendance | Yes | 30 |
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| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Furman T., Tot A, Oparnica S. | Repair and maintenance of agricultural engineering | Faculty of Agriculture, Novi Sad | 1993. |
|  | Savin L. | Optimization of machine park | Faculty of Agriculture, Novi Sad | 2003. |
|  | Tomić M.  | Optimization of the repair capacity of agricultural techniques tailored to the needs of family farms | Faculty of Agriculture, Novi Sad | 2008. |

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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 *AGRICULTURAL ENGINEERING* |
| Table 5.2 Course specification |