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| ***Course title:*** | | METHODOLOGY OF SCIENTIFIC-RESEARCH WORK | | |
| ***Course code*** | ***Course status*** | | ***Semester*** | | ***Number of ECTS credits*** | ***Lecture hours per semester*** |
|  | obligatory | | I (winter) | | **7** | 30 |

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| ***Study programs it is organized for:*** Postgraduate studies „Entrepreneurial Economcs“ – study program: PROTECTED AREAS MANAGEMENT AND RURAL DEVELOPMENT | | | | | | | | |
| ***Prerequisites:*** No prerequisite | | | | | | | | |
| ***Underlying idea:*** To understand the principles and develop skills for scientific-research work | | | | | | | | |
| ***Course aim:*** To consider all the aspects of basic and special methods of scientific-research work (analogy, modelling, classifying etc), prior to development of the master thesis, all with the aim of engaging in scientific research work. Direction of students not only to expert (practical), but also to scientific-research work and development of methods and scientific bases of research. Familiarization with the approaches to literature in all forms. Importance of creativity in research. | | | | | | | | |
| ***Name and surname of the teacher and assistant:*** dr Veselin Vukotić, Mr Ivana Stešević | | | | | | | | |
| ***Method of teaching and mastering of subject matter:*** Lectures; exercises; colloquia; seminar paper and consultations. | | | | | | | | |
| ***Laboratory:*** Yes | | | | | | | | |
| WORK PLAN | | | | | | | | |
| ***Week:*** | *Name of method units for lectures (L), exercises (E) and other teaching contents (O); Planned form of knowledge assessment (Ka)* | | | | | | | |
| ***Preparation week*** | | | Introduction, preparation and enrolement of semester. | | | | | |
| **I week** | ***L/E*** | | Introduction (subject and method of science) | | | | | |
| **II** | ***L/E*** | | Planning and coordination of scientific research | | | | | |
| **III** | ***L/E*** | | Research methodology (scientific methods, scientific facts and explanation, scientific hypotheses, scientific laws and scientific theory) | | | | | |
| **IV** | ***L/E*** | | Basic definitions, notion, history and science characteristics. | | | | | |
| **V** | ***L/E*** | | Subjective components of research. | | | | | |
| **VI** | ***L/E*** | | Discussion on the method | | | | | |
| **VII** | ***L/E*** | | How is a scientific work created? | | | | | |
| **VIII** | ***L/E*** | | Free week | | | | | |
| **IX** | ***L/E*** | | Metageology and scientific-research work | | | | | |
| **X** | ***L/E*** | | Investigation of literature (collection of new literature, technique of literature study) | | | | | |
| **XI** | ***L/E*** | | Planning and carrying out of experiments | | | | | |
| **XII** | ***L/E*** | | Data processing (statistical processing of data, tabular and graphic presentation of data, results processing) | | | | | |
| **XIII** | ***L/E*** | | Interpretation of results (interpretation and preparation of manuscripts for printing) | | | | | |
| **XIV** | ***L/E*** | | Writing seminar paper based on the rules and methods of scientific-research work. | | | | | |
| **XV** | ***L/E*** | | Presentation and defense of the paper | | | | | |
| **XVI** | | | **Final exams** | | | | | |
| **XVII** | | | *Semester certification and entering of grades* | | | | | |
| **XVIII** | | | ***Make-up exam term*** | | | | | |
| ***Obligations of students during teaching:***  Homework tasks, seminar work | | | | | | | | |
| ***Consultations by e-mail:*** YES | | | | | | | | |
| ***Student workload in hours:*** | | | | | | | | |
| Weekly  7 credits x 40/30 = 9 hours 20minutes  Structure:  2h for lectures  7h 20min of independent work, including consultations and writing of seminar papers and essays. | | | | | Per semester  Total load for the course 7x30 = 210h  Structure:  **Teaching** and final exam: 9h20min x 16 weeks = 149h20min  **Needed preparations** prior to semester beginning (administration, enrolement, certification): 9h20minx2=18h40min  **Additional work** for preparation and taking of exams in the make-up term: 0-42h | | | |
| ***Literature:*** Baban, Ljubomir (2000), *Primjena metodologije stručnog i znanstenog istraživanja*, Ekonomski fakultet, Osijek;  Kolarski A., 2002. Kreativnost u istraživanju, Univerzitet u Beogradu; Marija Kleut, Naučno djelo-od istraživanja do štampe; Vojnović M, Milovanović D., 2000. Uvod u naučno-istraživački rad, Univerzitet u Beograd | | | | | | | | |
| ***Forms of knowledge assessment and marking:***  Homework tasks – 20 points; Participation in discussions during the class - 20 points; Seminar work – 30 points; Final exam (defence of seminar paper) – 30 points; | | | | | | | | |
| ***Grade*** | | ***A*** | | ***B*** | | ***C*** | ***D*** | ***E*** |
| ***Number of points*** | | ***Over 90*** | | ***80-89*** | | ***70-79*** | ***60-69*** | ***50-59*** |