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| Course: | **Management of Agricultural Production and Processing**  |
| Course id:3ОАЕ5I42 |
| Number of ECTS:6 |
| Teacher: | Assistant Professor Mirjana Lukač Ž. Bulatović |
| Assistant: | Assistant Professor Mirjana Lukač Ž. Bulatović |
| Course status | Elective |
| Number of active teaching classes (weekly) |
| Lectures: 2 | Tutorials: 2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | Management of Fruit and Viticultural Production, Management of Crop Production  |
| 1.Educational goalsIntroducing students to the basic knowledge and required skills of managing and coordinating business activities for the successful achievement of set goals in the organisation of plant production and processing as an integral part of a complex and dynamic food production system and agriculture as a whole.  |
| 2.Educational outcomesConstantly creating and maintaining the optimal organisation and production factor combination in order to facilitate the maximum profit and permanent growth and development of plant production and processing.  |
| 3.Course content*Theoretical instruction:* Basic principles of the business philosophy of market economy – shareholding, entrepreneurship, management (3). Basic features of a system – the concept and classification of a system, a systemic concept of a company (3). Management and agricultural management – the concept, definition and classification of agricultural management (6). Sustainable development – the concept and genesis – the economics of natural resources and external effects, economic consequences of agricultural development, agricultural production systems, types of agricultural production, the economic efficiency of agricultural production (4). Economic features of agricultural production (the input-output relationship, the factor-product relationship, the factor-factor relationship, the product-product relationship (4). International processes of the food and agricultural industry – Integrity of production units, the horizontal and vertical integrity (6). Development features and the economic status of the plant processing industry (7). Processing Organisation and Technology – Production, consumption and economic values of crop products, fruit, vegetables, grapes, the organic production of grapes and wine (12). *Practical Instruction:*Types of production organisation (2). A systemic model of an agro-industrial system (2). Conventional agricultural production and alternative agricultural production (ecological, biological and organic) (2). Production, consumption and economic values of crop products, fruit, vegetables and grapes (7) |
| 4.Teaching methodsOral lectures, PPT presentations.  |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam  | Mandatory | Points |
| Lecture attendance | Yes/No | **5** | Written exam  | Yes/No | **-** |
| Tutorial attendance | Yes/No | **5** | Oral exam | Yes/No | **30** |
| Seminar paper (1) | Yes/No | **20** |  |  |  |
| Tests (2) | Yes/No | **40** |  |  |  |
| Other | Yes/No | - |  |  |  |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
| 1. | Dauthn, E.M | Fruit and Vegetable Processing | FAO, Agricultural Services Bulletin 019, Rome | 1995 |
| 2. | Zlatković, B. | Tehnologija prerade i čuvanja voća | Poljoprivredni fakultet, Beograd - Zemun | 2003 |
| 3. | Milić D**.,** Radojević, V. | Proizvodno ekonomska i upotrebna vrednost voća i grožđa | Autori, Novi Sad | 2003 |
| 4. | Milić D**.** Kalanović Bulatović Branka, Veljković Biljana | Menadžment i organizacija voćarsko-vinogradarske proizvodnje | Agronomski fakultet, Čačak | 2013 |
| 5. | Milić D., Sredojević Zorica | Organizacija i ekonomika poslovanja | Poljoprivredni fakultet, Novi Sad | 2004 |