|  |  |
| --- | --- |
| Course: | *Berry fruit species* |
| Course id: 3MВВ1И04 |
| Number of ECTS:6 |
| Teacher: | Nenad P. Magazin |
| Course status | Mandatory for the module Fruit Growing |
| 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 |
| 1. Educational goal

The goal of course is that students acquire specific knowledge about certain types of berry fruits (strawberries, raspberries, blackberries, black and red currant, gooseberry, blueberry, cranberry, black chokeberry) and varieties within species. Special attention will be given to modern technologies of cultivation such as cultivation in greenhouses and growing on a substrate. |
| 1. Educational outcomes

Modern technology of berry fruits production adapted to diverse climatic and soil conditions andthe choice of varieties mastered. |
| 1. Course content

Theory lessonsProduction of berry fruits in the world and Serbia. The varieties of strawberries. The technology of growing strawberries in the open field. The technology of growing strawberries in greenhouses. The technology of growing strawberries on a substrate. Raspberry varieties. The technology of cultivation of raspberry varieties outdoors and in greenhouses.The varieties of blackberries. The technology of growing blackberry outdoors and in greenhouses. Species and varieties of berries.The technology of cultivation of individual species and varieties of berries in an open field and in greenhouses. The varieties of gooseberries. The technology of cultivation of gooseberries. The varieties of blueberries. The technology of growing blueberries. Varieties of cranberries. Technology of growing cranberries. Varieties of chokeberry. The technology of growing chokeberry. Practical classesReproduction berry fruit planting material. Determination of growth potential of berry fruits species. Practical demonstration of pruning berry fruits. Creating a project of berry fruit species plantation in different environmental conditions. |
| 1. Teaching methods

Lectures, work in the classroom and laboratory, practical training in the experimental fields |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam (izabrati) | Mandatory | Points |
| Pre-examination obligations | Mandatory | Points | *Oral part of the exam* | Yes | 30 |
| Lecture attendance | Yes | 10 |  |
| Test | Yes | 10 |
| Exercise attendance | Yes | 30 |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Hancock, J.F.: Strawberries, CAB International,1999. |
|  | Keserović, Z, Korać, N., Magazin, N., Grgurević, V., Gvozdenović, D., Bijelić, S., Vračević, B: Proizvodnja voća i grožđa na malim površinama, Poljoprivredni fakultet Novi Sad, 2008. |
|  | Nikolić, M., Milivojević, J.: Jagodaste voćke –tehnologija gajenja, Naučno voćarsko društvo Srbije, Čačak, 2010. |
|  | Petrović, S., Leposavić, A.: Malina –nove tehnologije gajenja, zaštite i prerade, Institut za voćarstvo, Čačak, 2011 |

|  |  |  |
| --- | --- | --- |
| Znak univerziteta | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme AccreditationMASTER ACADEMIC STUDIES *(*Fruit and vine growing*)* |
| Table 5.2 Course specification |