|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Course: | | **FISH PRODUCTION** | | | | | | | | | | |
| Course id: 3OST5O21 | |
| Number of ECTS: 5 | |
| Teacher: | | Nada P. Plavsa, Jelena B. Stanivuk | | | | | | | | | | |
| Course status | | Mandatory | | | | | | | | | | |
| Number of active teaching classes (weekly) | | | | | | | | | | | | |
| Lectures: 3x15=45 | | Practical classes: 2x15=30 | | | | Other teaching types: | | | Study research work: | | Other classes: | |
| Precondition courses | | Basics of nutrition and Non-ruminant Nutrition | | | | | | | | | | |
| 1. Educational goal   The goal of course is to upgrade the knowledge in fish biology with knowledge of ecology, technology and economy, and to achieve equal treatment of fisheries with other aspects of Livestock Production. Increasing production and valid tenders be a reduction in the negative balance of payments in imports of fish and fishery products. | | | | | | | | | | | | |
| 1. Educational outcomes   Outcome of the case is a specialist who has basic knowledge in the field of fisheries, which allow him to effectively and competently manage a fish production and solve technological problems. | | | | | | | | | | | | |
| 1. Course content   Theory lessons  Introduction; Water as an ambient environment morphological and physiological characteristics of species; Anatomy and physiology of fish; Water Systems; Location preparing and construction of carp ponds; Growing fish in carp ponds; The selection and breeding of broodstock; The technology of growing fish; Growing fish in the salmon trout ponds; Special forms of breeding fish; Health problems in the cultivation of fish; Fish farming in the thermal waters and aquarium; The management of the fisheries; Fish as a foodstuffs; Fish meat processing.  Practical teaching  a) Labs: Morphological characteristics of fish; Measurement of basic physical and chemical parameters of water; The measurement of the number and amount of basic living communities in water; Levels of disease pathogens of fish; Anatomical characteristics of the fish; Fish species; How to builde a pond; The technological process of production of fish.  b) Field practices: Visit ponds, spawning and fish meat processing facilities where students learn about the construction specifics ponds in intensive and semi-intensive systems, Fish feeding and procedures for the control of growth and health, emphasis is also placed on the selection of fish and nuts preparation for spawning. | | | | | | | | | | | | |
| 1. Teaching methods   Theory lessons ,Laboratory practices, field practices, movies, study 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- theory | | | Yes | | 15 |
| Test | | | Yes | | 40 | | Oral part of the exam | | | Yes | | 25 |
| Exercise attendance | | | Yes | | 5 | |  | | | | | |
| Term paper | | | Yes | | 10 | |
| Literature | | | | | | | | | | | | |
| Ord. | Author | | | Title | | | | Publisher | | | | Year |
|  | Ćirković, M., Branislava Jovanović, Maletin, S. | | | Ribarstvo | | | | Poljoprivredni fakultet, Novi Sad | | | | 2002. |
|  | Pillay, T.W.R. | | | Aquaculture – principles and practices | | | | Fishing News Books, Bleckwell Science,Oxford | | | | 1995. |
|  | Bogut, I., Horvath, L., Adamek, Z., Katavić, I. | | | Ribogojstvo | | | | Poljoprivredni fakultet Osijek, Hrvatska | | | | 2006. |
|  | Bojčić C. i sar. | | | Slatkovodno ribarstvo | | | | Jugoslavenska medicinska naklada, Zagreb | | | | 1980. |

|  |  |  |
| --- | --- | --- |
| Znak univerziteta | UNIVERSITY OF NOVI SAD  FACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme Accreditation  BACHELOR ACADEMIC STUDIES Animal Production |
| Table 5.2 Course specification | | |