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| **Subject** | **Advanced Beekeeping** |
| **Type** | **Semester** | **ECTS** | **Code** |
|  Z |  III |  6 | / |
| **Aims and Objectives** | Through the module program students will be able to analyzed:The importance of bees in the economy, the anatomy and physiology of the bee, the infrastructure of bees with smart teknology, bee feeding, the role of bees in plant production with a focus on pollination of plants and the effects on increasing yields in agricultural crops, the annual calendar of work in beekeeping, the products of bees: honey, wax, pollen, propolis, milk and bee venom. Breeding of bees, harvesting, storage, packaging and sale of bee products, organoleptic, physico-chemical, microbiological analyzes and waste. hygiene, environment, bee diseases and their treatment.**Main objectives:**Breeding and contemporary techniques advanced in beekeeping with the aim of maximum production of bee products with special emphasis on honey, product quality, well-being and the environment. |
| **Learning outcomes** | After completing this course, the student will be able to:- Know and analyze apiaries, bees and their products.-Give recommendations to producers for advanced technologies in beekeeping with the aim of maximizing products.-Analyze bee food and bee products.-Analyze welfare, prevention, environment and innovations in beekeeping. |
| **Literature/References** | Sena.L. Cikël leksionesh: “Mbarështrimi i Bletëve”. 2017 Anderson D – Improving queen bee production. 2004 Clive de Bruyn - Practical Beekeeping, 2003 Cramp David – A practical manual of beekeeping. 2008 Delaplane, K.S. 2006. Honey Bees and Beekeeping: A Year in the Life of an Apiary, 3rd Edition. The Georgia Center for Continuing Education, Athens, USA. Gamberini Angelo. Coniglicoltura 1993 Ross, C. Natural Beekeeping : Organic Approaches to Modern Apiculture, White River Junction. |