

Bee products (281951)

Nositelj predmeta

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Opis predmeta

The objective of the course is to introduce students to:

- the basics of honey bee biology
- the tasks that bees perform in the hive, as well as the foraging activities outside the hive,
- the role of bee products (honey, bee pollen/bee bread, propolis, beeswax, royal jelly, bee venom) in the bee colony,
- the chemical composition, physical properties and specificities of bee products,
- the technology of bee product production,
- different types of honey with regard to botanical origin,
- factors that influence honey flow of various plant species and honey bee flora (forage) resources,
- the botanical origin and sensory properties of unifloral types of honey and honeydew honey,
- classical physical-chemical and instrumental analytical methods for determining the authenticity and quality of bee products.

The course program Bee Products will enable students to acquire basic theoretical and practical knowledge on the production, properties and analysis of bee products that are necessary for successful business, especially to companies involved in the production and marketing of honey and other bee products, as well as to family farms, and to provide the basis for further upgrading of knowledge.

ECTS: **6.00**

Sati nastave: 60

Predavanja: 34

Auditorne vježbe: 4

Seminar: 22

Ocjenjivanje

Dovoljan (2):

Dobar (3):

Vrlo dobar (4):

Izvrstan (5):

Vrsta predmeta

- Graduate studies / [Environment, agriculture and resource management](#) (Izborni predmet, 1. semestar, 1. godina)