

Study Programme: BSc in Ecology/Biology		
Course Unit Title: Field Course 2		
Course Unit Code: OBE025		
Name of Lecturer(s): Prof. Goran Anačkov, PhD; Prof. Ivo Karaman, PhD; Ass. Prof. Bojana Bokić, PhD; Ass. Prof. Sanja Veselić, PhD; Prof. Mladen Horvatović, PhD; Assoc. Prof. Boris Radak, PhD		
Type and Level of Studies: UAS – Undergraduate academic studies		
Course Status (compulsory/elective): Compulsory		
Semester (winter/summer): Summer		
Language of instruction: English		
Mode of course unit delivery (face-to-face/distance learning): Face-to-face		
Number of ECTS Allocated: 2		
Prerequisites: -		
Course Aims: Training in fieldwork methodology, including planning, sampling, sample processing and labeling, and collection management. Preparation of botanical, phytobenthic (algal), and zoological (marine invertebrate) collections.		
Learning Outcomes: Development of an independent field researcher capable of conducting field activities across various biological disciplines.		
Syllabus: <i>Practice</i> Familiarization with the field area and its geomorphological and soil characteristics. Identification of the specific features of different habitat types. Degrees of degradation of Mediterranean evergreen forests. Vegetation of the supralittoral zone. Basic types of biological communities. Exploration of the sea as a living environment, with attention to its horizontal and vertical stratification. Sampling, processing and pressing of plant material from specific plant families present in selected Mediterranean habitat types. Fieldwork in numerous habitat types: forest, maquis, garrigue, rocky grasslands, coastal cliffs, sandy beaches, walls, olive groves, etc. Emphasis on specific ecological types. Littoral and supralittoral algae: field sampling, preservation, identification and making of collection. Methods of sampling, preserving, identifying, and preparing collections of littoral marine invertebrates, with emphasis on Crustacea, Mollusca, and Echinodermata.		
Required Reading: 1. Prepared and translated texts about localities, their characteristic species, biological and ecological characteristics, and methods applied at localities. (in English) 2. Authorized manuscript on zoology, marine invertebrates, and the Mediterranean Sea. (in Serbian) 3. Collection of Marine Invertebrates (in Latin) 4. Riedl, R. (1991): Fauna e flora del Mediterraneo. Franco Muzzio Editore. (in Italian) 5. Poppe, G. T. & Yoshihiro, G. (1991): European Seashells. Vol. I. Verlag Christa Hemmen. (in English) 6. Poppe, G. T. & Yoshihiro, G. (1993): European Seashells. Vol. II. Verlag Christa Hemmen. (in English) 7. Davis, N.M.J., Drinkell, C., Utteridge, M.A. (2024): The Herbarium Handbook. KEW Royal Botanic Garden, Kew. (in English)		
Weekly Contact Hours:	Lectures:	Practical work: 4
Teaching Methods: Field work in pairs; habitat observation; individual work with plants, algae and marine invertebrates		

Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
colloquia – Plants	23	written exam Marine Zoology	23
colloquia – Marine Zoology collection	23	oral exam – Plant collection	23
		oral exam – Algae collection	8