



ECONOMICS BOTANY

Basic data of the subject	
Academic Unit:	Faculty of Life and Environmental Sciences
Course title:	Economics Botany
Study program:	Agribusiness
Level of study:	Bachelor
Course status:	Elective (E)
Study year:	3 year / 5 semester
Number of hours per week:	2 + 2
Credit value – ECTS:	6 ECTS
Time/location:	To be announced
Lecturer:	Prof. Asoc. Dr. Bekim Gashi
Contact details:	bekim.gashi@uni-prizren.com
Course description:	<p>The course will focus on plant species and their use by human population, understanding the shape and function of plant organs, plant nomenclature, history of plant use, origin of plants of economic importance, use of flowers, roots, fruits, stems and leaves for food and other purposes, as well as manipulating plant organisms for economic purposes. The importance and use of medicinal and aromatic plants. Cultivating and growing conditions in Kosovo. Medicinal and aromatic plants that is applicable in pharmaceutical medicine and also in traditional one. Contemporary methods of usage, collection and processing. Storage of medicinal and aromatic plants. Cultivation of medicinal and aromatic plants as well as wild fruits and berries. Kosovo's economic potential for medicinal and aromatic plants and their placing on the EU market. EU standards for the quality of these plants.</p>
Course objectives:	<p>The aim of this course is to expand and deepen knowledge of the values that plants eat in our daily lives, about the natural products obtained from different plant groups, the history of human society's interactions with plants, the dependence of human culture on plants and processes of plant cultivation, as well as for the application of research projects in the field of economic botany.</p>



Learning outcomes:	<p>Upon completion of this course, students will be able to:</p> <ul style="list-style-type: none"> ✦ To understand the importance that economic botany have towards humanity. ✦ To learn and recognize about many plants species with higher economic values that are found in Kosovo. ✦ To understand and learn the methods of collection and usage of medicinal and aromatic plants. ✦ Understand and learn the distribution and usage of medicinal and aromatic plants. ✦ Understand and learn the storage and cultivation means of medicinal and aromatic plants.
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Contribution on student load (must correspond with learning outcomes)			
Activity	Hours	Days/week	Total
Lectures	2	15	30
Exercise theoretical/laboratory	2	15	30
Practice work	5	3	15
Contact with lecturer/consultations	1	5	5
Field exercises	1	5	5
Mid-terms, seminars	2	2	4
Homework	1	5	5
Individual time spent studying (at the library or home)	1	15	15
Final preparation for the exam	3	10	30
Time spent in evaluation (tests, quiz, final exam)	8	1	8
Projects, presentations, etc.	1	3	3
Total			150 hours (6 ECTS)
Teaching methods:	Lectures, exercises, discussions, consultations, course projects, homework, midterm exam, final exam.		
Evaluation methods:	<ul style="list-style-type: none"> ✦ The first evaluation (exam) 15% ✦ Seminars or other commitments 10% ✦ Regular attendance 5% ✦ Final Exam 70% 		
Literature			
Basic Literature:	Beryl Simpson and Molly Ogorzaly (2014): Plants in our World: Economic Botany, 4th Edition. Ben-Erik van Wyk (2014): Medical plant of the world.		
Additional Literature:	Kolë Papparisto (2003): Bimët mjaltore të Shqipërisë.		
Designed study plan:			



Week	Lectures	Exercises
<i>First week:</i>	The importance and use of medicinal and aromatic plants.	Discussion and distribution of the semestral project topics.
<i>Second week:</i>	Foods as a trader of economic botany.	Assignments, quizzes and case studies related to the topic of the first week lecture.
<i>Third week:</i>	Plants and their manipulation by human.	Assignments, quizzes and case studies related to the topic of the second week lecture.
<i>Fourth week:</i>	The distribution of medicinal plants in Kosovo.	Assignments, quizzes and case studies related to the topic of the third week lecture.

<i>Fifth week:</i>	Cultivating and growing conditions in Kosovo.	Assignments, quizzes and case studies related to the topic of the fourth week lecture.
<i>Sixth week:</i>	Medicinal and aromatic plants that are applicable in pharmaceutical medicine and also in traditional one.	Assignments, quizzes and case studies related to the topic of the fifth week lecture.
<i>Seventh week:</i>	Plant cell and their functions, secondary metabolites.	Assignments, quizzes and case studies related to the topic of the sixth week lecture.
<i>Eighth week:</i>	Histology of medicinal and aromatic plants.	Assignments, quizzes and case studies related to the topic of the seventh week lecture.
<i>Ninth week:</i>	Morphology of medicinal and aromatic plants. Application of different plant parts in pharmaceutical or food supplements.	Assignments, quizzes and case studies related to the topic of the eighth week lecture.
<i>Tenth week:</i>	Plant aromatic and medicinal: A case for rural development!	Assignments, quizzes and case studies related to the topic of the ninth week lecture.
<i>Eleventh week:</i>	Economic potential of natural products in Kosovo.	Assignments, quizzes and case studies related to the topic of the tenth week lecture.
<i>Twelfth week:</i>	Contemporary methods of usage, collection and processing. Storage of medicinal and aromatic plants.	Assignments, quizzes and case studies related to the topic of the eleventh week lecture.
<i>Thirteenth week:</i>	Cultivation of medicinal and aromatic plants as well as wild fruits and berries.	Assignments, quizzes and case studies related to the topic of the twelfth week lecture.
<i>Fourteenth week:</i>	Kosovo's economic potential for medicinal and aromatic plants and their placing on the EU market.	Assignments, quizzes and case studies related to the topic of the thirteenth week lecture.



<i>Fifteenth week:</i>	Drafting a conceptual project about potential economic of aromatic and medicinal plants in Kosovo.	Presentation of the course projects.
Academic policies and rules of conduct:		
<ul style="list-style-type: none">✦ Student should be aware of and respect the institution and Code of ethics.✦ Student should respect the schedule of lectures, exercises and be attentive.✦ It is mandatory possess and present student ID card in the mid-terms and exam,✦ During compilation of course projects, student must adhere the instructions given by the professor.✦ During the exam is forbidden the use of mobile phones.		