FOREST AND MANAGAMENT PLANNING

Basic data of the subject	
Academic Unit:	**Life and Environmental Sciences Faculty**
Course title:	**Forest Management Planning**
Program:	**Forestry and Environmental Sciences**
Level:	**Bachelor**
Course status:	**Compulsory**
Study year:	**Third year, second semester**
Number of hours per week:	**3+2**
Credit value – ECTS:	**5**
Time / location:	**To be announced**
Lecturer:	**Prof. Asoc. Dr. Faruk Bojaxhi**
Contact details:	**faruk.bojaxhi@uni-prizren.com**
Course description:	The course covers in detail the forms of Forest Management and Forest Resources, hi provides information on property and management institutions. Sustainable forest management (multidisciplinary actions in the interest of preserving the environmental, socio-spiritual and economic balance, with a view to sustainable forest use). Preservation and sustainable use of biodiversity values in forests. Maintenance of the ecosystem in healthy and productive condition. Conservation of land and forest resources. Involvement of the public-community in the sustainable use of facilities. Continuous contribution to the forest ecosystem for the benefit of conservation of all ecological globes. Sustainable use of forests and multiple benefits from stakeholders, community. Respect for forestry legislation.
Course objectives:	The main objective of this course is to provide students with the knowledge of basic principles for forest management. This is foreseen to be linked to practical experience in forest ecosystems in the specifics of Kosovo forests.
Learning outcomes:	After completing this course, students will be able to: • determine the importance of preserving biological diversity, in particular the preservation of biological diversity in forests • describe and know more about conservation of soil and water resources • to implement the basic principles of continuous

	preservation of ecological cycles in the forest but also of global ecological cycles • determine the importance of the sustainable use of forests as well as the multiple benefits of the local community-residents • combine the methods to apply the acquired knowledge in theory and in practice

Contribution on student load (must correspond with learning outcomes)			
Activity	**Hours**	**Days/week**	**Total**
Lectures	3	15	45
Exercise theoretical/laboratory	1	5	5
Practice work	1	5	5
Contact with lecturer/consultations	1	10	10
Field exercises	2	10	20
Mid-terms, seminars	1	-	1
Homework	-	-	-
Individual time spent studying (at the library or home)	1	15	15
Final preparation for the exam	1	15	15
Time spent in evaluation (tests, quiz, final exam)	1	5	5
Projects, presentations, etc.	4	-	4
Total			**125 hours (5 ECTS)**

Teaching methods :	Lectures, discussions, consultations, technical exercises, formula solutions, independent projects, colloquia, exams.
Evaluation methods:	Coursework 10% Colloquia 10% Final exam 80%
Literature	
Basic Literature:	Guillermo A. Mendoza, Ravi Prabhu (2005): Combining participatory modeling and multi-criteria analysis for community-based forest management. Forest and Ecology Management 207 (2005) 145-156. www.elseiver.com/locate/foreco. James, K. Agee, Carl, N. Skinner (2005): Basic principles of forest fuel reduction treatments. Forest and Ecology Management. 211(2005) 83-96. www.elseiver.com/locate/foreco. Coney, R. (2004): The Precautionary Principle in Biodiversity Conservation and Natural Resource Management: An issues paper for policy-makers,

	researchers and practitioners. IUCN, Gland, Switzerland and Cambridge, UK. xi + 51pp. Ewald Rametsteiner, Markku Simula (2003): Forest certification-an instrument to promote sustainable forest management. Journal of Environmental Management 67 (2003) 87-
Additional Literature:	Management Planning based on the National Forest Inventory, Management Planning based on Management Plans, Management Planning based on the Annual Management Plan for the Forestry Sector, Management Plan for Protected Areas in Kosovo, Biodiversity Based Management Plan in Kosovo.

Designed study plan:		
Week	**Lectures**	**Exercises**
First week:	Sustainable forest management	General concepts of sustainable forest management
Second week:	Preservation and sustainable use of biodiversity values in forests	Demonstration of examples of biodiversity, in Kosovo and internationally
Third week:	Maintenance of the ecosystem in healthy and productive condition.	Presentation of forest ecosystems, how to maintain the functions of ecosystems through forest management.
Fourth week:	Conservation of land and forest resources.	The role of forestry in soil protection, forest management toward maintenance and enrich of its quality.
Fifth week:	Involvement of the public-community in sustainable use of trees.	The planning process and community engagement in decision making
Sixth week:	Continuous contribution to the forest ecosystem for the benefit of ecological ecological preservation.	Forest ecosystem function in ecological aspects, practical demonstration on maintaining their role in ecological aspects
Seventh week:	Sustainable use of forests and multiple benefits from community-community.	Value chain benefits through forest management, economic, social and environmental benefits
Eighth week:	Respect for forestry legislation.	Applicable laws of forest management in Kosovo and in international level, practical demonstration

Ninth week:	Colloquia (Seminar)	Seminar
Tenth week:	National Forest Inventory	General concepts of National Forest Inventory, practical demonstration of methodology, equipment's and data processing for preparation of NFI
Eleventh week:	Planning based on Management Plans	Exercise on forest management preparation (10 years management plans), phases for preparation and activities for each phase
Twelfth week:	Annual Planning for the Forest Sector	Practical demonstration on preparation of annual plans, which are based on management plans
Thirteenth week:	Management Planning based on Laws on Protected Areas in Kosovo,	Preparation of management plans for areas of spatial importance and protected areas
Fourteenth week:	Management Planning based on the Biodiversity Rules and Directives in Kosovo.	Implementation of regulations and directives through forest management plans preparation
Fifteenth week:	Models of International Management Plans	Methodologies in international countries in preparation of forest management plans
Academic policies and rules of conduct:		
Regular and active participation of students in lectures, exercises (practical part) and in seminar work. Keeping quiet in lecture, disabling mobile phones, timely access to the classroom, etc.		