

Course code	Course title	Responsible lecturer
FoNC-624	Forest and Nature Management Planning	
Contents and goals of qualification	<p><u>Contents:</u></p> <p>Elements for planning, implementation, monitoring and controlling. Management strategies, using decision-theoretical models. Management of various forest formations, regions, sustainability units, protected areas and forest enterprises. Principles and elements of forest and nature management: Sustainable management theories, methods of forest inventory for forest management planning, Approaches of Forest land classification: Management of even and uneven forest stand; Approaches of forest yield regulation and prediction (Height growth, biomass, volume, age and diameter distribution): Forest project planning and evaluation for making decision in final forest harvesting and tree replanting; Studying various case studies and discuss on current topics in forest resource management. Dry forest management principles and practices, Forest and wildlife inventory and management plan preparation</p> <p>Practical session: forest and wildlife inventory and elaboration of detail forest management plans.</p> <p><u>Goals of qualification:</u> The students have acquired special knowledge of important forest and nature conservation systems. They are able to apply methods of planning, implementing, monitoring and governing for the management of natural resource and are capable to apply multi-functional strategies.</p>	
Modes of teaching and learning	<p>The course comprises:</p> <p>2 hr/wk Lecture and 3 hrs/wk practical (Field visits, exercise, and</p>	

	independent studies)
Applicability	Compulsory
Credits and assessment	3 (2+3) Credit hour; Management plan preparation and presentation (50%), Written exam (50%)
Text books	Buongiorno, J.; Gilles, J. K. 2003. Decision methods for forest resource management. Academic Press. Amsterdam. Recent peer reviewed journal papers published in the Ethiopian context shall be used for seminars