

| Course code                                | Course title   | Responsible lecturer |
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| FoNC-626                                   | <b>Forest and Environmental Goods and Services valuation</b>   |                      |
| <b>Contents and goals of qualification</b> | <p><b><u>Contents:</u></b></p> <p>Conception of forest and environmental products and services, Introduction to forest and environmental Resources Economics; Value Systems and Economic Systems; The Economics of Market Allocation Externalities, Market Failures, and Policy Interventions; The Economics of forest and nature management; Valuing forest and Environmental goods and Services : Valuation and welfare economics; Types of values; Different types of use and non-use values; Importance of valuing forest and other resources; Valuation methods: Different methods for market and non-market valuation (Direct market price method; stated preference method; revealed preference method)</p> <p><b><u>Goals of qualification:</u></b> The students understand and apply economic principles in forest and nature conservation and development as well as related investment decisions.</p> |                      |
| <b>Modes of teaching and learning</b>      | <p>The course comprises:</p> <p>3 hr/wk Lecture and (exercise, independent studies and field visit)</p>  |                      |
| <b>Applicability</b>                       | Compulsory   |                      |
| <b>Credits and assessment</b>              | <p>3 (3+0) Credit hour;</p> <p>Group project and presentation (50%), Written exam (50%)</p>  |                      |

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| <p><b>Text books</b></p> | <p>Steven C. Hackett, 2006. Environmental and Natural Resources Economics: Theory, Policy, and the Sustainable Society 3rd edition.</p> <p>Steven H. Bullard and Thomas J. Straka, 1993. Basic Concepts in Forest Valuation and Investment Analysis. Edition 1.0.2. pp.90 .</p> <p>Rose, Dietmar W.; Blinn, Charles R.; Brand, Gary J. 1988. A guide to forestry investment analysis. Res. Pap. NC-284. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 23 p.</p> <p>Amacher GS, Ollikainen M, Koskela E. 2009. Economics of Forest Resources. Massachusetts Institute of Technology. London.</p> <p>Klemperer, D. 1996. Forest resource economics and finance. McGraw-Hill. New York.</p> <p>Recent peer reviewed journal papers published in the Ethiopian context shall be used for seminars</p> |
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