

UNIVERSITY OF HELSINKI

DEPARTMENT OF FOREST SCIENCES

COURSES FOR EXCHANGE AND VISITING STUDENTS, 2012-2013

The following courses are suitable for exchange and visiting students at the Department of Forest Sciences. However, most of the courses in Forest Ecology and Management, and Forest Economics and Marketing, require some background in forestry, natural resources or environmental sciences. Please check the prerequisites of each course in [WebOodi](#). There might also be limitations for the number of participants (priority is given to the degree students of Department of Forest Sciences). WebOodi does not require logging in if only browsing the course lists (study guides). Please note, that changes are possible and therefore check always the latest information in WebOodi.

The following courses are for MSc level students if not otherwise mentioned (**BSc**).

AUTUMN SEMESTER (periods I and II)

| Course | | credits | period |
|--------------------------------------|---|---------|--------|
| General studies | | | |
| FOR230A | Forest bioenergy | 5 | I |
| FOR230B | Forest bioenergy | 2 | II |
| MEK220 | Advanced literature | 5 | exam |
| Forest Ecology and Management | | | |
| MEK205 | Current topics in forest ecology and management | 4 | open |
| MET210 | Biogeochemistry of forest and peatland ecosystems | 5 | I |
| MET216 | Forests and peatlands as modifiers of atmospheric composition | 4 | II |
| MET220 | Whole tree structure and dynamics | 5 | II |
| MET230 | Dynamic modelling in production ecology | 5 | I-II |
| MEH205 | Sustainable forest ecosystem management | 4 | II |
| MEH225 | Multipurpose forest management | 5 | II |
| MEH230 | Advanced silviculture | 5 | II |
| MEH241 | Ecology of peatlands | 3 | I |
| MPAT132 | Basic biotechnology in forestry (MPAT132) | 5 | I |
| MER213 | Special topics in forest entomology and wildlife management: Human impact on the Northern environment in a historical and modern context | 5 | II |
| METEK101 | Basics in logistics | 3 | I |
| METEK236 | Operations research in wood procurement | 6 | I-II |
| GIS203 | GIS in logistics and business | 5 | II |
| TROP120 (BSc) | Agriculture, agroforestry and forestry in developing countries | 3 | I |
| TROP130 (BSc) | Seminar: Current topics on natural resources management in developing countries | 3 | I |
| TROP240 | Participatory methods in sustainable management of natural resources | 5 | I |

| Course | | credits | period |
|---------------|---|----------------|---------------|
| MEH242 (BSc) | Distribution, characteristics and utilization of global peatlands | 2 | exam |
| TROP110 (BSc) | Forests and mires of the world | 2 | exam |
| TROP160 (BSc) | BSc literature on tropical silviculture | 5 | exam |
| TROP270 | Advanced literature | 5 | exam |

Forest Economics and Marketing

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|--------------|---|---|------|
| LME215 | Economics of climate change in forestry and natural resources | 5 | II |
| FPM120 (BSc) | Industrial marketing in forest sector | 9 | I-II |
| FPM210 | Strategic marketing and management in global forest industry | 5 | II |
| LME270 | Literature | 5 | exam |
| MLY220 | Literature | 5 | exam |
| FPM220 | Advanced literature | 5 | exam |

SPRING SEMESTER (periods III and IV)

| Course | | credits | period |
|--------------------------------------|--|----------------|---------------|
| General studies | | | |
| FOR220 (BSc) | Qualitative research methods | 5 | IV |
| FOR225 (BSc) | Project planning and management | 5 | III |
| FOR250 | Thematic seminar | 5 | IV |
| MEK220 | Advanced literature | 5 | exam |
| Forest Ecology and Management | | | |
| MET211 | Forest soil and root ecology | 5 | III |
| MET214 | Forest ecosystem hydrology and water balance | 5 | IV |
| MET234 | Influence of climate change on forestry | 5-10 | III-IV |
| MET240 | Forest ecosystems of the world - their structure, functioning and productivity | 5 | IV |
| MEH250 | Restoration and rehabilitation of degraded ecosystems, theory and application | 5 | IV |
| MER214 | Disturbance dynamics of boreal forests | 5 | IV |
| MARV216 | Basic course in programming | 5 | III |
| METEK216 | Environmental effects of forestry and forest industry | 3 | IV |
| METEK240 | Wood procurement - Supply chain and information management | 5 | IV |
| GIS204 | Environmental GIS | 5 | IV |
| TROP140 (BSc) | Tropical forest ecology and conservation | 5 | III |
| TROP150 (BSc) | Tropical silviculture and forest management | 5 | IV |
| TROP230 | Agroforestry in the tropics and developing countries | 5 | III |
| TROP250 | Plantation forestry in the tropics | 5 | IV |
| TROP260 | Tropical forest and climate change | 5 | III |
| MEH242 (BSc) | Distribution, characteristics and utilization of global peatlands | 2 | exam |

| Course | credits | period |
|--|----------------|---------------|
| TROP110 (BSc) Forests and mires of the world | 2 | exam |
| TROP160 (BSc) BSc literature on tropical silviculture | 5 | exam |
| TROP270 Advanced literature | 5 | exam |
| Forest Economics and Marketing | | |
| LME210 Accounting and finance in forest industry | 5 | IV |
| MLY250 Bioeconomics | 6 | III |
| MLY260 Econometrics II | 6 | IV |
| MLY270 Private forestry and forest policy | 3 | III |
| FPM130 Marketing of services in forest sector | 5 | III |
| FPM140 (BSc) Managerial economics in forest industry | 5 | III |
| FPM203 Survey methods in marketing and social sciences | 6 | III |
| LME270 Literature | 5 | exam |
| MLY220 Literature | 5 | exam |
| FPM220 Advanced literature | 5 | exam |