

Curriculum Overview

Master Programme of Forestry (Regular Program)

Four forestry study interests:

1. Forest Management (FM)
2. Tropical Silviculture (TS)
3. Forest Resources Conservation and Ecotourism (FRCE)
4. Forest Products Technology (FPT)

Matriculation*	Semester I**	Semester II***	Semester III****	Semester IV****
Conservation of Natural Resources and Ecosystem [190401802W001] 2 SKS (3.2 ECTS)	English for Forestry [250401802W001] 2 SKS (3.2 ECTS)	Compulsory courses for each study interest 8 SKS (12.8 ECTS)	Qualification Exam for Research Proposal [250401801W0024] 1 SKS (1.6 ECTS)	Research Result Seminar [250401802W0027] 2 SKS (3.2 ECTS)
Forest Management [190401802W002] 2 SKS (3.2 ECTS)	Research Methodology and Scientific Publication [250401805W002] 5 SKS (8 ECTS)			
Silviculture [190401802W003] 2 SKS (3.2 ECTS)	Forest Resource Economics and Finance [250401802W003] 3 SKS (4.8 ECTS)		Research Proposal Seminar [250401802W0025] 2 SKS (3.2 ECTS)	Scientific Publication [Indexed National Publication (Sinta 1-4)/Indexed International proceeding (Q3-Q4)] [250401806W0028] 6 SKS (9.6 ECTS)
Forest Products Processing [190401802W004] 2 SKS (3.2 ECTS)	Silviculture of Tropical Forest [250401803W004] 3 SKS (4.8 ECTS)	Elective courses ● All elective courses offered for all study interests ● Compulsory courses for other study interests Min. 8 SKS (12.8 ECTS)		
	Trends in Forest and Nature Conservation [250401803W005] 3 SKS (3.2 ECTS)			
	Advance on Processing of Forest Product [250401803W006] 3 SKS (3.2 ECTS)		Thesis/Reputable International Publication (Q1-Q2)/Student Project [250401808W0030] 8 SKS (12.8 ECTS)	

Minimum workload requirement for Master Program of Forestry (regular program) : **58 SKS (92.8 ECTS)**

*Matriculation is applied for non-forestry prospective student : **8 SKS (12.8 ECTS)** [not included in workload requirement]

Semester I is dedicated for compulsory courses : **19 SKS (30.4 ECTS)

***Semester II is dedicated for compulsory courses for each study interest [**8 SKS (12.8 ECTS)**] and elective courses [**8 SKS (12.8 ECTS)**]

****Semester III and IV is dedicated for final student-works : **23 SKS (36.8 ECTS)**

Compulsory Courses for Four Study Interests

Code	Course	SKS	ECTS
Forest Management (FM)			
250401804W007	Sustainable Production Forest Planning and Harvesting	4	6.4
250401804W008	Social and Human Dimensions of Forestry	4	6.4
Tropical Silviculture (TS)			
250401808W009	Integrated Silviculture	8	12.8
Forest Resources Conservation and Ecotourism (FRCE)			
250401808W0010	Conservation Biology	8	12.8
Forest Product Technology (FPT)			
250401804W0011	Wood Engineering and Quality Improvement	4	6.4
250401804W0012	Natural Materials and Renewable Energy	4	6.4

Elective Courses for Four Study Interests

Code	Course	SKS	ECTS
Forest Management (FM)			
250401804P0013	Landscape Ecology	4	6.4
250401804P0014	Implementation of Social Forestry and Agroforestry Policies	4	6.4
Tropical Silviculture (TS)			
250401804P0015	Soil Carbon Management and Climate Mitigation	4	6.4
250401804P0016	Implementation of Targeted Silvicultural Practices	4	6.4
250401804P0017	Biodiversity and Innovation in Insect-Microbe Utilization	4	6.4
Forest Resources Conservation and Ecotourism (FRCE)			
250401804P0018	Engineering for Ecosystem Services Enhancement	4	6.4
250401804P0019	Development of Conservation, Production, and Environmental Services	4	6.4
250401804P0020	Soil and Land Conservation Engineering and Capability Enhancement	4	6.4
Forest Product Technology (FPT)			
250401804P0021	Eco-efficiency in the Wood Processing Industry	4	6.4
250401804P0022	Bio-innovation	4	6.4
250401804P0023	Biological Protection and Wood Preservation Technology	4	6.4