

Programme	Code	Course Name	Credit Point
Master of Science in Forestry by Course work and Research Thesis			
Year 1 Semester 1			
	AGS801	Research Planning and Experimentation (Core course)	20
Elective Courses (Choose two)			
		Forest Ecology	
	FOR 800	Advanced Forest Ecology and Biodiversity	20
		Forest Management	
	FOR 801	Advanced Forest Ecology and Biodiversity	20
		Commercial Forestry	
	FOR 802	Advanced Commercial Forestry	20
		Tree Improvement	
	FOR 803	Advanced Forest Genetics	20
		Environmental Health	
	FOR 804	Forest Health	20
		Wood Technology	
	FOR 805	Advanced Wood Based Techniques	20
		Forest Economics	
	FOR 806	Advanced Forest Economics	20
Year 1 Semester 2			
	FOR807	Modelling and GIS applications in Forestry (Core course)	20
Elective Courses (Choose two)			
		Forest Ecology	
	FOR 808	Forests and Climate Change	20
		Forest Management	
	FOR 809	Plantation Management	20
		Commercial Forestry	
	FOR 810	Renewable Energy and Biofuels Production	20

		Agroforestry	
	FOR 811	Advanced Agroforestry Systems	20
	FOR 812	Tree Improvement and Seed Technology	20
		Forest Economics	
	FOR 813	Environment Economics	20
		Wood Technology	
	FOR 814	Forest Engineering	20
Year 2 Semester 1 & 2			
	FOR 910	RESEARCH - Masters Thesis in Forestry	120
		Total: Courses and Research Project	240

Programme	Code	Course Name	Credit Point
Master of Science in Forestry by Course work and Research Project			
Year 1 Semester 1			
	AGS801	Research Planning and Experimentation (Core course)	20
Elective Courses (Choose two)			
		Forest Ecology	
	FOR 800	Advanced Forest Ecology and Biodiversity	20
		Forest Management	
	FOR 801	Advanced Forest Ecology and Biodiversity	20
		Commercial Forestry	
	FOR 802	Advanced Commercial Forestry	20
		Tree Improvement	
	FOR 803	Advanced Forest Genetics	20
		Environmental Health	
	FOR 804	Forest Health	20
		Wood Technology	

	FOR 805	Advanced Wood Based Techniques	20
		Forest Economics	
	FOR 806	Advanced Forest Economics	20
Year 1 Semester 2			
	FOR807	Modelling and GIS applications in Forestry (Core course)	20
Elective Courses (Choose two)			
		Forest Ecology	
	FOR 808	Forests and Climate Change	20
		Forest Management	
	FOR 809	Plantation Management	20
		Commercial Forestry	
	FOR 810	Renewable Energy and Biofuels Production	20
		Agroforestry	
	FOR 811	Advanced Agroforestry Systems	20
	FOR 812	Tree Improvement and Seed Technology	20
		Forest Economics	
	FOR 813	Environment Economics	20
		Wood Technology	
	FOR 814	Forest Engineering	20
Year 2 Semester 1			
Elective Courses (Choose any three)			
		Wood Technology	
	FOR 901	Wood energy development	20
		Tree Improvement	
	FOR 902	Natural Forest Management	20
	FOR 903	Germplasm Conservation in Forest Trees	20
		Environmental Health	
	FOR 904	Environmental Impact Assessment	20

	FOR 907	Reducing Emissions from Deforestation and Forest Degradation (REDD+)	20
		Forest Economics	
	FOR 905	Strategic Marketing in the International Forest Industries	20
	FOR 906	Social and Community Forestry	20
	FOR 908	Conservation management of tropical biodiversity	20
Year 2 Semester 2			
	FOR 911	RESEARCH - Supervised Research Project in Forestry	60
		Total: Courses and Research Project	240

Programme Structure: Master of Science in Forestry Cluster Combinations in Level 8 and Level 9		
Common Topic	Course Codes	Cluster Subjects
Compulsory Courses	AGS 801	Research planning and experimentation
	FOR 807	Modelling and GIS applications in Forestry
Forest Ecology	FOR 800	Advanced Forest Ecology and Biodiversity
	FOR 808	Advanced Forest Ecology and Biodiversity
	FOR 906	Reducing Emissions from Deforestation and Forest Degradation (REDD+)
	FOR 907	Conservation management of tropical biodiversity
Forest Management	FOR 801	Advanced Silviculture
	FOR 809	Plantation Management
	FOR 902	Natural Forest Management
	FOR 903	Germplasm Conservation in Forest Trees
Commercial Forestry	FOR 802	Advanced Commercial Forestry
	FOR 810	Renewable Energy and Biofuels Production
	FOR 906	Social and Community Forestry
	FOR 907	Conservation management of tropical biodiversity

Agroforestry	FOR 811	Advanced Agroforestry Systems
	FOR 812	Forest Finance
	FOR 906	Social and Community Forestry
	FOR 907	Conservation management of tropical biodiversity
Tree Improvement	FOR 803	Advanced Forest Genetics
	FOR 812	Tree Improvement and Seed Technology
	FOR 903	Germplasm Conservation in Forest Trees
	FOR 902	Natural Forest Management
Environmental Health	FOR 804	Forest Health
	FOR 808	Forest and Climate Change
	FOR 904	Environmental Impact Assessment
	FOR 907	Conservation management of tropical biodiversity
Wood Technology	FOR 805	Advanced Wood Based Techniques
	FOR 814	Forest Engineering
	FOR 901	Wood energy development
	FOR 906	Reducing Emissions from Deforestation and Forest Degradation (REDD+)
Forest Economics	FOR 806	Advanced Forest Economics
	FOR 813	Environment Economics
	FOR 907	Conservation management of tropical biodiversity
	FOR 905	Strategic Marketing in the International Forest Industries