## Courses for M.Sc. (Forestry) Silviculture and Agroforestry

1 <sup>st</sup> semester	2 <sup>nd</sup> semester
SAF 501* (2+1) Silviculture	SAF 502* (1+1) Forest Biometry
SAF 503* (1+1) Silvicultural Practices	SAF 504 (2+1) Agroforestry Systems
SAF 505* (1+1) Interactions in Agroforestry	SAF 506 (1+1) Modern Nursery Technologies
Systems	
SAF 507 (2+1) Plantation Forestry	SAF 508 (1+1) Industrial Agroforestry
SAF 509 (2+0) Climate Change and Conservation	SAF 510 (1+1) Trees and Shrubs for
Silviculture	Agroforestry
SAF 511 (2+1) Economics of Agroforestry systems	SAF 512 (2+1) Tree Seed Technology
SAF 513 (1+1) Nutrient and Weed Management in	SAF 514 (2+1) Crops and Livestock
Production Forestry	Management in Agroforestry
	SAF 591 (1+0) Masters Seminar
SAF 599 (0+30) Master's Research	

<sup>\*</sup> Compulsory among major courses

## **Courses for M.Sc. (Forestry) Forest Resource Management**

1 <sup>st</sup> semester	2 <sup>nd</sup> semester
FRM 501* (2+1) Forest Biometry and Management	FRM 502 (2+1) Ecology and
	Management of Forest Soils
FRM 503* (2+1) Remote Sensing and Geographical	FRM 504 (2+1) Land Use Planning and
Information System in Natural Resource Management	Watershed Management
FRM 505* (1+1) Forest resource Economics	FRM 506* (2+1) Forest Ecosystem
	Services and Valuation
FRM 507 (1+1) Environmental Impact Assessment and	FRM 508* (2+0) Forest Policy, law and
Auditing	International Conventions
FRM 509 (2+0) Global Climate Change Impact,	FRM 510* (1+1) Participatory
Mitigation and Adaptation	Approaches in Forest Resource
	Management
FRM 511 (2+1) Management of Tree Insect-Pest and	FRM 512 (2+1) Forest Ecology,
Diseases	Biodiversity and Management
	FRM 591 (1+0) Masters Seminar
FRM 599 (0+30) Master's Research	

<sup>\*</sup> Compulsory among major courses

## Courses for Ph.D. (Forestry) Silviculture and Agroforestry

1 <sup>st</sup> semester	2 <sup>nd</sup> semester
SAF 601* (2+1) Quantitative Silviculture	SAF 602* (2+0) Agroforestry Research and Management
SAF 603 (1+0) Forest Stand Dynamics	SAF 604 (2+1) Productivity and Evaluation of
	Agroforestry Systems
SAF 605 (1+1) Forest Stand	SAF 606 (2+0) Agroforestry for ecosystem services and
Management Techniques	environmental benefits
SAF 607 (1+1) Plantation Forest	SAF 608 (1+0) Restoration Forestry
Productivity	
SAF 609 (2+1) Regeneration Silviculture	SAF 610 (1+1) Forest Soil Management
SAF 611 (1+0) Agroforestry for	SAF 692 (1+0) Doctoral Seminar
sustainable agriculture	

SAF 691 (1+0) Doctoral Seminar	
SAF 699 (0+75) Doctoral Research	

<sup>\*</sup> Compulsory among major courses

## Courses for Ph.D. (Forestry) Forest Resource Management

1 <sup>st</sup> semester	2 <sup>nd</sup> semester
FRM 601* (2+1) Forest Management	FRM 602 (2+1) Forest Economic Analysis
FRM 603 (1+1) Climate Change and Forestry	FRM 604 (2+1) Geo-informatics in Natural
	resource management
FRM 605* (2+1) Environmental Impact Analysis	FRM 606 (2+1) Forest Soil Management
and Assessment	
FRM 607 (2+0) Environmental Modelling and	FRM 608 (1+1) Approaches in Forest Resource
Biostatistics	Management
FRM 609 (2+1) Forest Hydrology and Watershed	FRM 610 (1+1) Operational Research in Forest
Management	Management
FRM 691 (1+0) Doctoral Seminar	FRM 692 (1+0) Doctoral Seminar
FRM 699 (0+75) Doctoral Research	

<sup>\*</sup> Compulsory among major courses