

**COLLEGE OF FORESTRY**  
**DEPARTMENT OF FOREST RESOURCE MANAGEMENT**  
**Curriculum for M. Sc Forestry (FRM)**

**A. Semester wise credits distribution:**

Category	Semester-I	Semester-II	Semester-III	Semester-IV	Total credits
Major courses	5	15	-	-	20
Minor courses	8	-	-	-	08
Supporting courses	3	-	3	-	06
Common courses/one credit course	2	2	1	-	05
Seminar	-	-	1	-	01
Dissertation / Thesis work	-	-	12	18	30
<b>Total credits</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>70</b>

**B. Courses:**

**1. Major Courses:**

Course No.	Course Title	Credits	Department to offer
FRM 501*	Forest Biometry and Management	2+1	FRM
FRM 502	Ecology and Management of Forest Soils	2+1	FRM
FRM 503*	Remote Sensing and Geographical Information System in Natural Resource Management	2+1	FRM
FRM 505*	Forest Resource Economics	1+1	FRM
FRM 506*	Forest Ecosystem Services and Valuation	2+1	FRM
FRM 508*	Forest Policy, law and International Conventions	2+0	FRM
FRM 509	Global Climate Change Impact, Mitigation and Adaptation	2+0	FRM
FRM 510*	Participatory Approaches in Forest Resource Management	1+1	FRM
	<b>Total Credits</b>	<b>20</b>	

**2. Minor Courses:**

Course No.	Course Title	Credits	Department to offer
SAF 501	Silviculture(1)	2+1	SAF
FBT 501	Applied Forest Tree Improvement(1)	2+1	FBT
FPU 505	Forest Products Laboratory Technique(1)	0+2	FPU
		<b>08</b>	

### 3. Supporting Courses (06 credits to be chosen):

Course No.	Course Title	Credits	Department to offer
FOR 511 *	General Statistical Methods and Computer Applications()	2+1	Dept of Agri. statistics, CA
	<b>Any other course relevant to M Sc research</b>	<b>3 credits</b>	Will be decided by the supervisor from below mentioned courses
FRM 511	Management of Tree Insect-Pests and Diseases	2+1	FRM
FRM 504	Land Use Planning and Watershed Management	2+1	FRM
FRM 512	Forest Ecology, Biodiversity and Management	2+1	FRM
		<b>6</b>	

### 4. Common Courses or One Credit Courses (All five credits to be chosen):

Course No.	Course Title	Credits	Department to offer
PGS-501	Library & Information Science	0+1	Central Library
PGS-502	Technical writing & communication skill	0+1	COF
PGS-503	Intellectual property & Management	1+0	COF
PGS-504	Basic concepts in laboratory research techniques	0+1	Central Lab
PGS-505	Applied Biological Research, Research ethics & Rural Development	1+0	COF

**\*\* All the courses typed here are compulsory for all the departments as per the recommendation**

**5. Seminar: FRM 591/ (0+1)**

**6. Research: FRM 598 - (0 + 12)**  
**FRM 599 - (0 + 18)**

Semester	Credits
3 <sup>rd</sup> .	0+12
4 <sup>th</sup> .	0+18
<b>Total</b>	<b>0+30</b>

### C. Courses Semester wise:

Semester-I			
Course No.	Course Title	Credits	Department to offer
FRM 501*	Forest Biometry and Management	2+1	FRM
FRM 505*	Forest Resource Economics	1+1	FRM
FBT 501	Applied Forest Tree Improvement(1)	2+1	FBT
SAF 501	Silviculture(1)	2+1	SAF
FPU 505	Forest Products Laboratory Technique(1)	0+2	FPU

FOR 511 *	General Statistical Methods and Computer Applications(2)	2+1	Dept of Agri. statistics, CA
PGS-501	Library & Information Science	0+1	Central Lab
PGS-502	Technical writing & communication skill	0+1	COF
	<b>Total</b>	<b>18</b>	

<b>Semester-II</b>			
<b>Course No.</b>	<b>Course Title</b>	<b>Credits</b>	<b>Department to offer</b>
FRM 502	Ecology and Management of Forest Soils	2+1	FRM
FRM 503*	Remote Sensing and Geographical Information System in Natural Resource Management	2+1	FRM
FRM 506*	Forest Ecosystem Services and Valuation	2+1	FRM
FRM 508*	Forest Policy, law and International Conventions	2+0	FRM
FRM 509	Global Climate Change Impact, Mitigation and Adaptation	2+0	FRM
FRM 510*	Participatory Approaches in Forest Resource Management	1+1	FRM
PGS-503	Intellectual property & Management	1+0	COF
PGS-504	Basic concepts in laboratory research techniques	0+1	Central Lab
	<b>Total</b>	<b>17</b>	

<b>Semester-III</b>			
<b>Course No.</b>	<b>Course Title</b>	<b>Credits</b>	<b>Department to offer</b>
	Any other course relevant to M Sc research offered by Dept of FRM (FRM 511/FRM 504/FRM 512)	3 credits	FRM
FRM 511	Management of Tree Insect-Pests and Diseases	2+1	FRM
FRM 504	Land Use Planning and Watershed Management	2+1	FRM
FRM 512	Forest Ecology, Biodiversity and Management	2+1	FRM
PGS-505	Applied Biological Research, Research ethics & Rural Development	1+0	COF
FRM 591	Master's Seminar	0+1	FRM
FRM 598	Master's Research	0+12	FRM
	<b>Total</b>	<b>17</b>	
<b>Semester-IV</b>			
FRM 599	Master's Research	0+18	FRM
	<b>Total</b>	<b>18</b>	
	<b>Grand Total</b>	<b>70</b>	