

Dr. Y S Parmar University of Horticulture and Forestry, Nauni-Solan, HP-173230
“COLLEGE OF FORESTRY”

No. UHF/COF/Acad/1-7/-

Dated:

NOTICE

The following courses are scheduled to be offered by the College of Forestry during *1st Semester of the Academic Session 2023-2024.*

B.Sc. (Hons) Forestry 1st year (I) 1st Semester Academic Session, 2023-2024

Sr. No.	Course No.	Course Title	Cr. Hrs.	Name of Teacher's
1.	SAF -111	Introduction to Forestry	2+0	Dr. Rajeev Dhiman (Both Section)
2.	FGR-111	Dendrology	2+1	Dr. Sanjeev Kumar (Section A & B)
3.	BSB -001 BSB- 001	Forest Botany (Forestry) Introductory Botany (Horticulture)	2+1	Dr. Sanjeev Kumar
4.	BSM-001 BSM-001	Basic Mathematics (Horticulture) Basic Mathematics (Forestry)	3+0	Dr. Geeta Verma Dr. Anju Sharma
5.	BSB -111	Introductory Crop Physiology (Hort.)	1+1	Dr. Nitin Sharma
6.	BSM-111	Introductory Microbiology (Hort.)	1+1	Dr. Sunita Devi (Section-A) Dr. Neha Gautam/Dr. Ranjana Sharma (Section-B)
7.	NRS-111	Geology & Soils (Forestry)	2+1	Dr. Upender Singh (Section- A) Dr. Ibajanai Kurbah (Section-B)
8.	NRS-112	Fundamentals of Soil Science (Horticulture)	1+1	Dr. Uday Sharma (Section-A) Dr. Upender Singh (Section-B)
9.	SAF-112	Wildlife Biology	2+1	Dr. Prem Prakash Dr. Shriya Gupta (Both Section)
10.	BSH -112	Communication Skills and Personality Development	1+1	Dr. Neeraj Sankhyan
11.	SAF-113	Recreation & Urban Forestry	1+1	Dr. Rajeev Dhiman Dr. Krishan Chand (Both Section)
12.	ORI-001	Orientation	(1+0)	Dr. R K Gupta
13.	ENG-001	Communication Skills & Personality Development (Horticulture)	1+1	Dr. Neeraj Sankhyan
14.	PED- 001	Physical Education (B.Sc. 1st Year)	(0+1)	Sh. C M Chauhan
15.	NSS 001	NSS (B.Sc. 1st Year)	(0+1)	Dr. Anita Kumari Dr. Sunil Marpa
16.	NCC-001	NCC-I (B.Sc. 1st Year)	(0+1)	Dr. Subhash Sharma (Boys BN) Dr. Suman Bhatia (Girls BN)

B.Sc. (Hons) Forestry 2nd year (III) 1st Semester Academic Session, 2023-2024

Sr. No.	Course No.	Course Title	Cr. Hrs.	Name of Teacher's
1.	ENS- 211	Environmental Studies and Disaster Management	2+1	Dr. Kartikey Sahil
2.	SAF-211	Rangeland and Livestock Management	1+1	Dr. Rohit Bishist Dr. Prem Prakash (Both Section)
3.	FPR-211	Non-Timber Forest Products	2+1	Dr. Rajneesh Kumar (Section A) Dr. Ravi Bhardwaj (Section - B)
4.	FGR-211	Seed Technology & Nursery Management	2+1	Dr. Anita Kumari (Section A & B)

5.	BSS- 211	Plant Physiology	2+1	Dr. Nitin Sharma
6.	BSC-211	Elementary Plant Bio-chemistry (Hort.)	1+1	Dr. Neerja Rana Dr. Neha Gautam (Section A & B)
7.	NRS-211	Soil Biology & Fertility	2+1	Dr. Pardeep Kumar (Section A) Dr. Anjali Chauhan (Section B)
8.	SAF-212	Forest Mensuration	2+1	Dr. Praveen Kumar Dr. Dhirender Kumar (Both Section)
9.	NRS-212	Farm Power and Machinery (Horti.)	1+1	Er. Ghanshyam Agrawal (Section A & B)
10.	PED-003	Physical Education-III	(0+1)	Sh. C M Chauhan
11.	NSS 003	NSS- (B.Sc. 2nd Year)	(0+1)	Dr. Chandresh Guleria Dr. Pratima Vaidya
12.	NCC-003	NCC-I (2nd Year)	(0+1)	Dr. Subhash Sharma (Boys BN) Dr. Suman Bhatia (Girls BN)

B.Sc. (Hons) Forestry 3rd year (V) 1st Semester Academic Session, 2023-2024

Sr. No.	Course No.	Course Title	Cr. Hrs.	Name of Teacher's
1.	NRS-312	Organic Farming (Horti.)	1+1	Dr. Anjali Chauhan (Section A) Dr. Ibajanai Kurbah (Section-B)
2.	NRS-311	Forest Survey & Engineering (Forestry)	1+1	Er. Ghanshyam Agrawal (Section A & B)
3.	FPR-311	Medicinal and Aromatic Plants	2+1	Dr. Pancy Thakur (Section-A) Dr. Sunil Marpa (Section-B)
4.	SAF-311	Ornithology & Herpetology	2+1	Dr. Rohit Bishist Dr. Shriya Gupta Gust Lecture (Both Section)
5.	BSS-311	Statistical Methods & Experimental Designs	2+1	Dr. R K Gupta Dr. Geeta Verma (Section A & B)
6.	BSS-311	Elementary Statistics (Horticulture)	2+1	Dr. Geeta Verma (Section A) Dr. Anju Sharma (Section B)
7.	EXT-311	Fundamental of Extension Education (Horticulture)	1+1	Dr. Pratima Rana (Section. A & B)
8.	FPR-312	Logging and Ergonomics	1+1	Dr. Ravi Bhardwaj (Section-A) Dr. Rajneesh (Section-B)
9.	SAF-312	Forest Inventory and Yield Prediction	1+1	Dr. Dhirendr Kumar (Section- A) Dr. Prashant Sharma (Section - B)
10.	SAF-313	Forest Protection	2+1	Dr. Krishan Chand Dr. Dhirender Kumar Dr. Shalini Verma (Section-A) Dr. Manica Tomar (Section-B) Dr. Ajay Sharma (Both Section)
11.	AGF-311	Introductory Agroforestry	1+1	Dr. Prema Prakash (Both Section)
12.	ELP-311	Experiential Learning Experiential Learning Programme (Production and Marketing of High Value Forest Produce)	0+5 0+5	Dr. Rajeev Dhiman Dr. Dhirender Kumar Dr. Lalit Thakur Dr. Rajneesh Kumar/Dr. Ravi Bhardwaj/ Dr.Reena Sharma
13.	NCC-005	NCC-III (3rd Year)	(0+1)	Dr. Subhash Sharma (Boys BN) Dr. Suman Bhatia (Girls BN)

B.Sc. (Hons.) Forestry 4th Year (VII) 1st Semester Academic Session, 2023-2024

Sr. No.	Course No.	Course Title	Cr. Hrs.	Name of Teacher's
1.	FWE-411	Forestry Work Experience	0+20	Dr. HP Sankhyan, Prof. & Head, TIGR (MD RAWE)
2.	STF -411	All India Study Tour	(0+3)	Dr. HP Sankhyan, Prof. & Head, TIGR (MD RAWE)

Department of Silviculture and Agroforestry

Sr. No.	Course Code	Course Title	Credit hours	Name of Teacher
1	SAF 501*	Silviculture	2+1	Dr. Praveen Kumar
2	SAF 503*	Silvicultural Practices	1+1	Dr. Dhirender Kumar
3	SAF 505*	Interactions in Agroforestry Systems	1+1	Dr. Prem Prakash Dr. Prashant Sharma
4	SAF 507	Plantation Forestry	2+1	Dr. Prem Prakash Dr. Rajeev Dhiman
5	SAF 509	Climate Change and Conservation Silviculture	2+0	Dr. D R Bhardwaj Dr. Prashant Sharma
6	SAF 511	Economics of Agroforestry systems	2+1	Dr. Samriti Dr. Subhash Sharma
7	SAF 513	Nutrient and Weed Management in Production Forestry	1+1	Dr. Prashant Sharma Dr. Upender Singh
8	FRM-501*	Forest Biometry and Management	2+1	Dr. Praveen Kumar
9.	FRM-503*	Remote Sensing and Geographical Information System in Natural Resource Management	2+1	Dr. Prashant Sharma
10	FRM-505*	Forest Resource Economics	1+1	Dr. Subhash Sharma Dr. Samriti
11	FRM-507	Environmental Impact Assessment and Auditing	1+1	Dr. Rajeev Aggarwal Dr. H C Sharma Dr. Prashant Sharma
12	FRM-509	Global Climate Change Impact, Mitigation and Adaptation	2+0	Dr. Praveen Kumar Dr. Dhirender Kumar
13	FRM-511	Management of Tree Insect-Pests and Diseases	2+1	Dr. Sumit (EAP) Dr. Manica Tomar (Pl.Path.) Dr. Prem Prakash
14	SAF 602	Agroforestry Research and Management	2+0	Dr. Prashant Sharma Dr. Rohit Bishist
15	SAF 604	Productivity and Evaluation of Agroforestry Systems	2+1	Dr. Prem Prakash
16.	SAF-606	Agroforestry for ecosystem services and environmental benefits	2+0	Dr. D R Bhardwaj
17.	SAF-608	Restoration Forestry	1+0	Dr. Dhirender Kumar
18.	SAF 610	Forest Soil Management	1+1	Dr. Praveen Kumar Dr. Prashant Sharma Dr. Anjali Chauhan

Department of Soil Science & Water Management

1.	SOIL-501	Soil Physics	2+1	Dr. Ibananai Kurbah
2.	SOIL-502	Soil Fertility and Fertilizer Use	3+1	Dr. Pardeep Kumar
3.	SOIL-503	Soil Chemistry	2+1	Dr. Uday Sharma
4.	SOIL-504	Soil Mineralogy, Genesis and Classification	2+1	Dr. Pardeep Kumar/

5.	SOIL-510	Analytical Techniques and Instrumental Methods in Soil and Plant Analysis	0+2	Dr. M.L. Verma Dr. Upender Singh
6.	PGS-504 Horticulture students only	Basic Concepts in Laboratory Techniques	0+1	Dr. Upender Singh (SSWM) Dr. Meenakshi Bhasoli (FIS) Dr. Meenu Gupta (Plant Path) Dr Pankaj Kumar (BTC) Dr B.S.Dilta (Seed Science)

Department of Environmental Science

1.	ENS-501	Introduction to Environmental Science	2+0	Dr. Pratima Vaidya/ Dr. Kartikey Sahil
2.	ENS-503	Environmental Analytical Techniques	1+2	Dr. Pratima Vaidya
3.	ENS-505	Global Climate Change	2+1	Dr. M S Jangra
4.	ENS-509	Environmental Policy and Laws	2+0	Dr. R K Aggarwal
5.	ENS - 513	Environmental Chemistry	2+1	Dr. Vipin Sharma
6.	ENS-607	Waste Management	2+1	Dr. H C Sharma

Department of Social Sciences

1.	AEC-501	Micro-Economic Theory & Application	3+0	Dr. Chandresh Guleria
2.	AEC-502	Agricultural Production Economics	1+1	Dr. Nisha Thakur
3.	AEC-503	Agricultural Marketing & Price Analysis	2+1	Dr. Subhash Sharma
4.	AEC-504	Macro-Economics and Policy	2+0	Dr. Chandresh Guleria
5.	AEC-509	Research Methodology for Social Sciences	1+1	Dr. Nisha Thakur
6.	AEC-511	International Economics	1+1	Dr. Chandresh Guleria
7.	AEC-513	Natural Resource & Environmental Economics	1+1	Dr. Subhash Sharma
8.	AEC-515	Development Economics	2+0	Dr. Samriti
9.	EXT-501	Extension Landscape	2+0	Dr. Pratima Rana
10.	EXT-503	Organisational Behaviour and Development	2+1	Dr. Yashmin Janjhua
11.	EXT-504	Research Methodology in Extension	2+1	Dr. Nisha Thakur
12.	EXT-506	ICTs for Agricultural Extension and Advisory Services	2+1	Dr. Pratima Rana
13.	PGS-505	Agricultural Research, Research Ethics and Rural Development Programmes (Course offered to Forestry Students only)	1+0	Dr. Chandresh Guleria
14.	AEC-602	Advanced Macroeconomic Analysis	2+0	Dr. Chandresh Guleria
15.	AEC-604	Advanced Production Economics	2+1	Dr. Nisha Thakur
16.	AEC-606	Advanced Agroicultural Marketing and Price Analysis	2+1	Dr. Samriti
17.	AEC-608	Natural Resources Management	2+1	Dr. Samriti

Department of Tree Improvement & Genetic Resources

1.	FBT 501	Applied Forest Tree Improvement	2+1	Dr. Anita Kumari
2.	FBT 503	Breeding Methods in Forest trees	2+1	Dr. Lalit Thakur
3.	FBT-505	Tree Seed Orchards	2+1	Dr. Anita Kumari
4.	FBT 507	Forest Genetic Diversity and Conservation	3+0	Dr. Lalit Thakur
5.	FBT 509	Clonal Forestry	2+0	Dr. Lalit Thakur
6.	FBT-511	Physiology of Wood Plants	2+1	Dr. Lalit Thakur
7.	FBT 513	Tree Seed Technology	2+1	Dr. Anita Kumari

8.	FBT 602	Forest Genetics and Tree Breeding	2+0	Dr. Lalit Thakur
9.	FBT 604	Forest Tree Reproduction	2+1	Dr. Anita Kumari
10.	FBT-606	Genetics of Forest Ecosystems and Conservation Biology	3+0	Dr. H P Sankhyan
11.	FBT-608	Tree Seed Management	2+1	Dr. H P Sankhyan
Department of Basic Sciences				
1.	STAT-502	Statistical Methods for Applied Sciences	3+1	Dr. R K Gupta Dr. Ashu Chandel
2.	STAT-551	Mathematical Methods-I	2+0	Dr. Ashu Chandel
3.	STAT-552	Probability Theory	2+1	Dr. Anju Sharma
4.	STAT-553	Statistical Methods	2+1	Dr. Geeta Verma
5.	STAT-565	Statistical Genetics	2+1	Dr. R K Gupta
6.	STAT-601	Advanced Data Analysis	1+2	Dr. R K Gupta Dr. Ashu Chandel
7.	STAT-611	Baysian Inference	2+0	Dr. Ashu Chandel
8.	PP-501	Principles of Plant Physiology-I: Plant Water Relations and Mineral Nutrition	2+1	Mr. Nitin Sharma
9.	PP-502	Principles of Plant Physiology-II: Metabolic Processes and Growth Regulation	2+1	Dr. Sanjeev Kumar
10.	PP-503	Plant Developmental Biology: Physiological and Molecular Basis	2+1	Dr. Sanjeev Kumar
11.	PP-509	Physiological of Horticulture Crops	2+0	Mr. Nitin Sharma
12.	PP-512	Crop Growth Regulation and Management	2+0	Dr. Sanjeev Kumar
13.	MICRO-502	Principles of Microbiology	3+1	Dr. Sunita Devi Dr. Neha Gautam
14.	MICRO-504	Microbial Genetics	2+1	Dr. Neha Gautam Dr. Ranjana Sharma
15.	MICRO-505	Soil Microbiology	2+1	Dr. Sunia Devi Dr. Ranjana Sharma
16.	MICRO-507	Food Microbiology	2+1	Dr. Nivedita Sharma Dr. Neha Gautam
17.	MICRO-603	Recent Developments in Soil Microbiology	2+0	Dr. Sunita Devi/ Dr. Ranjna Sharma
18.	MICRO-604	Recent Approaches in Environmental Microbiology	2+0	Dr. Ranjna Sharma
19.	Biochem-501	Basic Biochemistry	3+1	Dr. Neerja Rana
20.	Biochem-503	Enzymology	2+1	Dr. Neerja Rana Dr. Ranjana Sharma
21.	Biochem-505	Techniques in Biochemistry	2+2	Dr. Neerja Rana Dr. Neha Gautam
22.	PGS-502	Technical Writing and Communication Skills	0+1	Dr. Neeraj Sankhyan
23.	ENG-121	Functional English and Literature	2+0	Dr. Neeraj Sankhyan
Department of Forest Products				
1.	FPU-501*	Non Wood Forest Products Management	2+1	Dr. B. Dutt Dr. Rohit Sharma
2.	FPU-505	Forest Products Laboratory Techniques	0+2	Dr. Rohit Sharma Dr. Reena Sharma
3.	FPU-507	Breeding Techniques and Improvement of Medicinal and Aromatic Plants	2+1	Dr. Pancy Thakur Dr. Sunil Marpa
4.	FPU-509*	Wood Identification	0+2	Dr. Rajneesh Dr. Ravi Bhardwaj
5.	FPU-511	Wood Chemistry	1+1	Dr. Rohit Sharma Dr. Reena Sharma

6.	FPU-515	Medicinal and Aromatic Plants in Health Care Systems	2+0	Dr. Y P Sharma Dr. Reena Sharma
7.	FPU-601	Developments in Wood and Non-Wood Forest Products	3+0	Dr. B. Dutt Dr. Rohit Sharma
8.	FPU-603	Wood and Wood Technology	2+1	Dr. Rajneesh Kumar Dr. Ravi Bhardwaj
9.	FPU-605	Chemistry of Medicinal and Aromatic Plants	2+1	Dr. Y P Sharma Dr. Rohit Sharma Dr. Reena Sharma

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College of Forestry

CC:

1. The Registrar, Dr. Y S Parmar University of Horticulture and Forestry, Nauni-Solan.
2. The Incharge, CIC, UHF, Nauni. He is requested to upload the same on the university website.
3. College Notice Board for information of the students.

