

CHOICE BASED CREDIT SYSTEM (CBCS)

Department of Horticulture, Aromatic & Medicinal Plants (HAMP)
Mizoram University

COURSE STRUCTURE

Total Credits = 88: MM 2400

Core Courses = 60 cdt; Foundation Courses = 08; Sp Courses = 16; Open Electives = 04 Credits

[Lectures (53) + Tutorials (16) + Practicals (19) Credits]

Sl. No.	Course Code	Name of Course	Type of Course	Credits Distribution			Total Credits	Marks (Scaled)
				L	T	P		
<u>Ist Semester: 22 Credits (CC -18; FC-04)</u>								
A. Core Courses: 18 Credits								
1	HAMP/1/CC/01	Production Technology of Fruit Crops	CC	3	1	-	04	100
2	HAMP/1/CC/02	Production Technology of Vegetables	CC	4	1	-	05	100
3	HAMP/1/CC/03	MAPs cultivation and IPRs	CC	4	1	-	05	100
4	HAMP/1/CC/04	Practical in Horticulture & MAPs	CC	-	-	4	04	100
B. Foundation Courses: 04 Credits								
5	HAMP/1/FC/05	Basic Horticulture	FC	02	-	-	02	100
6	HAMP/1/FC/06	Fundamentals of Medicinal & Aromatic Plants	FC	02	-	-	02	100
Total Marks								600

Sl. No.	Course Code	Name of Course	Type of Course	Credits Distribution			Total Credits	Marks (Scaled)
				L	T	P		
II Semester: 22 Credits (CC -16; FC-04; OE-02)								
A. Core Courses: 16 Credits								
7	HAMP/2/CC/07	Processing of Medicinal & Aromatic Plants	CC	3	1	-	04	100
8	HAMP/2/CC/08	Post harvest & Processing Horticulture Crops	CC	3	1	-	04	100
9	HAMP/2/CC/09	Production Technology of Spices and Plantation Crop	CC	3	1	-	04	100
10	HAMP/2/CC/10	Practical in Horticulture & MAPs	CC			4	04	100
B. Foundation Courses: 04Credits								
11	HAMP/2/FC/11	Fundamentals of Plant Protection	FC	2	-	-	02	100
12	HAMP/2/FC/12	Fundamentals of Soil Science	FC	2	-	-	02	100
C. Open Electives: 02 Credits (students can opt any 01 course)								
15	HAMP/2/OE/13A	Propagation & Nursery Management of Fruit crops	OE	2	-	-	2	100
16	HAMP/2OE/13B	Instrumentation Technology for Medicinal & Aromatic Plants	OE	2	-	-	2	100
Total Marks								700

Sl. No.	Course Code	Name of Course	Type of Course	Credits Distribution			Total Credits	Marks (Scaled)
				L	T	P		
IIIrd Semester: 22 Credits (CC-12; SC-08; OE-02)								
A. Core Courses: 12 Credits								
17	HAMP/3/CC/14	Production Technology of Flowers	CC	3	1	-	04	100
18	HAMP/3/CC/15	Pharmacognosy & Pharmacology	CC	3	1	-	04	100
19	HAMP/3/CC/16	Practical in Horticulture & MAPs	CC	-	-	04	04	100
B. Specialization Courses: 08 Credits (students can opt any 2 courses in combination, subject to notification by the department)								
20	HAMP/3/SC/17A	Traditional System of Medicine & Ethno-botany	SC	3	1	-	4	100
21	HAMP/3/SC/17B	Herbal Biotechnology	SC	3	1	-	4	100
22	HAMP/3/SC/18A	Advance Pomology -I	SC	3	1	-	4	100
23	HAMP/3/SC/18B	Advances in Orchard Management	SC	3	1	-	4	100
24	HAMP/3/SC/19A	Growth and Development of Vegetable Crops	SC	3	1	-	4	100
25	HAMP/3/SC/19B	Production Technology of under exploited Vegetables	SC	3	1	-	4	100
26	HAMP/3/SC/20A	Landscaping and Ornamental Gardening	SC	3	1	-	4	100
27	HAMP/3/SC/20B	Protected Floriculture	SC	3	1	-	4	100
28	HAMP/3/SC/21A	Advances in Production Technology of Spice Crops	SC	3	1	-	4	100
29	HAMP/3/SC/21B	Organic Spice and Plantation Crop Production Technology	SC	3	1	-	4	100
C. Open Electives: 02 Credits (students can opt any 01 course)								
30	HAMP/3/OE/22A	Cultivation & Processing of Mushrooms	OE	2	-	-	2	100
31	HAMP/3/OE/22B	Organic & Protected Farming	OE	2	-	-	2	100
Total Marks								600

Sl. No.	Course Code	Name of Course	Type of Course	Credits distribution			Total Credits	Marks (Scaled)
				L	T	P		
IV Semester: 22 Credits (CC-14; SC-08)								
A. Core Courses: 14 Credits								
26	HAMP/4/CC/23	Biostatistics and Computer Application	CC	3	1	-	4	100
27	HAMP/4/CC/24	Dissertation / Project Work	CC		3	5	8	100
28	HAMP/4/CC/25	Curriculum Stipulated Study Tour (CSST)	CC	-	-	2	2	100
B. Specialization Courses: 08 Credits (students can opt any 2 courses, subject to notification by the department)								
29	HAMP/4/SC/26A	Bioprospection of MAPs	SC	3	1	-	4	100
30	HAMP/4/SC/26B	Microbiology & Plant Molecular Biology	SC	3	1	-	4	100
31	HAMP/4/SC/27A	Advance Pomology-II	SC	3	1	-	4	100
32	HAMP/4/SC/27B	Breeding of Fruit Crops	SC	3	1	-	4	100
33	HAMP/4/SC/28A	Seed Production Technology of Vegetables	SC	3	1	-	4	100
34	HAMP/4/SC/28B	Breeding of Vegetable Crops	SC	3	1	-	4	100
35	HAMP/4/SC/29A	Turfing and Turf Management	SC	3	1	-	4	100
36	HAMP/4/SC/29B	Breeding of Flower Crops and Ornamental Plants	SC	3	1	-	4	100
37	HAMP/4/SC/30A	Advances in Production Technology of Plantation Crops	SC	3	1	-	4	100
38	HAMP/4/SC/30B	Breeding of Plantation Crops and Spices	SC	3	1	-	4	100
Total Marks								500