



„APPROVED”
Head of Pharmacognosy and
pharmaceutical botany Department
Dr.hab. in biol. sc. professor

 Tatiana Calalb
“30” January 2025

CALENDARISTICO-THEMATIC PLAN
of lectures and laboratory works on **PHARMACEUTICAL BOTANY** for students of Ist year,
II semester, 2024-2025 academic year

Nr. d/o	Theme	Number of hours		
		Course	Lab. works	Individual works
1	Morpho-anatomical characteristics of families and species with pharmaceutical value from Divisions: <i>Bryophyta</i> , <i>Lycopodiophyta</i> , <i>Equisetophyta</i> , <i>Polypodiophyta</i> , <i>Pinophyta</i> . Spontaneous and cultivated species.	1 5.02	3 5.02	3
2	Div. <i>Magnoliophyta</i> . General characteristics of Cl. <i>Magnolipsida</i> and <i>Liliopsida</i> Cl. <i>Magnolipsida</i> . Families: <i>Berberidaceae</i> , <i>Schisandraceae</i> , <i>Nymphaeaceae</i> , <i>Ranunculaceae</i> . Morpho-anatomical characteristics Spontaneous and cultivated species with pharmaceutical values.	1 12.02	3 12.02	4
3	Families: <i>Papaveraceae</i> , <i>Cannabaceae</i> , <i>Urticaceae</i> , <i>Fagaceae</i> , <i>Betulaceae</i> , <i>Juglandaceae</i> , <i>Caryophyllaceae</i> , <i>Chenopodiaceae</i> , <i>Polygonaceae</i> . Morpho-anatomical characteristics. Spontaneous and cultivated species with pharmaceutical values.	1 19.02	3 19.02	10
4	Families <i>Theaceae</i> , <i>Passifloraceae</i> , <i>Violaceae</i> , <i>Cucurbitaceae</i> , <i>Brassicaceae</i> . Morpho-anatomical characteristics. Spontaneous and cultivated species with pharmaceutical values.	1 26.02	3 26.02	4
5	Families: <i>Salicaceae</i> , <i>Ericaceae</i> , <i>Primulaceae</i> , <i>Tiliaceae</i> , <i>Malvaceae</i> , <i>Hypericaceae</i> . Families <i>Rosaceae</i> și <i>Saxifragaceae</i> . Morpho-anatomical characteristics. Spontaneous and cultivated species with pharmaceutical values.	2 5.03 12.03	6 5.03 12.03	8
6	Morpho-anatomical characteristics of plant species of pharmaceutical value in the families studied. Identification of species on herbal and preserved material.	-	3 19.03	4
7	Families: <i>Fabaceae</i> , <i>Myrtaceae</i> , <i>Onagraceae</i> , <i>Anacardiaceae</i> , <i>Rutaceae</i> , <i>Hippocastanaceae</i> . Families: <i>Linaceae</i> , <i>Araliaceae</i> , <i>Apiaceae</i> , <i>Rhamnaceae</i> . Morpho-anatomical characteristics. Spontaneous and cultivated species with pharmaceutical values.	4 19,26.03 2,09.04	6 26.03, 02.04	9
8	Families: <i>Elaeagnaceae</i> , <i>Apocynaceae</i> , <i>Gentianaceae</i> , <i>Rubiaceae</i> , <i>Caprifoliaceae</i> , <i>Valerianaceae</i> , <i>Boraginaceae</i> , <i>Solanaceae</i> . Familiile: <i>Scrophulariaceae</i> , <i>Plantaginaceae</i> , <i>Lamiaceae</i> . Morpho-anatomical characteristics. Spontaneous and cultivated species with pharmaceutical values.	2 16,30.04	6 9.04, 16.04	8



Nr. d/o	Theme	Number of hours		
		Course	Lab. works	Individual works
9	Family <i>Asteraceae</i> . Morpho-anatomical characteristics. Spontaneous and cultivated species with pharmaceutical values. Cl. <i>Monocotyledones</i> . Families <i>Asparagaceae</i> , <i>Liliaceae</i> , <i>Alliaceae</i> , <i>Iridaceae</i> , <i>Dioscoreaceae</i> , <i>Araceae</i> , <i>Poaceae</i> . Morpho-anatomical characteristics. Spontaneous and cultivated species with pharmaceutical values.	2 07.05 14.05	6 30.04, 07.05	7
10	Morpho-anatomical characteristics of plant species of pharmaceutical value in the families studied. Identification of species on herbal and preserved material.	-	3 14.05	-
11	Medicinal plants from the flora of Moldova: autochthonous and allochthonous; spontaneous and cultivated. Collections of medicinal plants. Plant protection.	1 21.05	-	3
12	Presentation, discussion and evaluation of students' individual thematic projects	-	3 21.05	-
Total sem II 120 hours		15	45	60
Total 240 hours		30	90	120

Responsible of subject,
Dr.hab. in biol. sc., professor

Tatiana Calalb

Approve on the Department meeting, Nr. 12 of 30.01.2025

Responsible of didactic domain
Associate Professor, PhD

Maria Cojocaru-Toma