



„APPROVED”

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

Tatiana Calalb
“28” January 2026

CALENDARISTICO-THEMATIC PLAN
of lectures and laboratory works on PLANT BIOLOGY for students of Ist year,
II semester, 2025-2026 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 3.02	3 3.02	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 10.02	3 10.02	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 17.02	3 17.02	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 24.02	3 24.02	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 3.03 10.03	6 3.03 10.03	8
6	Morpho-anatomical characteristics of medicinal plant species from the studied families. Identification of species based on fresh and preserved plant material.	-	3 17.03	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 17,24.03 31.03,07. 04	6 24.03, 31.03	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 21,28.04	6 7.04, 21.04	8



**CATEDRA FARMACOGNOZIE ȘI BOTANICĂ
FARMACEUTICĂ**

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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 05.05 12.05	6 28.04, 05.05	7
10	Morpho-anatomical characteristics of medicinal plant species from the studied families. Identification of species based on fresh and preserved plant material.	-	3 12.05	-
11	Medicinal plants from the flora of Moldova: autochthonous and allochthonous; spontaneous and cultivated. Collections of medicinal plants. Plant protection.	1 19.05	-	3
12	Presentation, discussion, and evaluation of students' individual thematic projects.	-	3 19.05	-
Total sem II 120 hours		15	45	60
Total 240 hours		30	90	120

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

Tatiana Calalb

Approve on the Department meeting, Nr. 8 of 28.01.2026

Responsible of didactic domain
Associate Professor, PhD

Maria Cojocaru-Toma