

Pharmacognosy (1) – Winter Semester 2026/2027
Syllabus of the laboratory practice
Microscopic and macroscopic analysis of herbal drugs

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Day/Time: **Wednesday, 9:20 – 11:50**
Place: in the lab. **423/O**

Weeks	Microscopy & Macroscopy	Macroscopy only
Week 1	Introduction to Pharmacognosy.	
23 September	Microscopic and macroscopic analysis of herbal drugs. Lichen islandicus	
Week 2	Zingiberis rhizoma	Agar
30 September	Ononidis radix	Aloe
	Althaeae radix	Acaciae gummi
		Myrrha
		Mastix
		Tragacantha
		Balsamum peruvianum
		Fuci vesiculosi thallus (Fucus vel Ascophyllum)
		Lanugo gossypii absorbens
		Lanugo cellulosi absorbens
		Graminis rhizoma
		Curcumae rhizoma
Week 3	Ratanhiae radix	Angelicae archangelicae radix
7 October	Liquiritiae radix	Valerianae radix
	Taraxaci officinalis radix	Primulae radix
		Gentianae radix
		Rhei radix
		Echinaceae angustifoliae radix
		Ginseng radix
		Harpagophyti radix
		Arctii radix
		Symphyti radix

Week 4	Levistici radix	Agrimoniae herba
14 October	Bistortae rhizoma	Alchemillae herba
	Tormentillae rhizoma	Centaurii herba
		Millefolii herba / Millefolii flos
		Solidaginis herba
		Hyperici herba
		Meliloti herba
Week 5	Test No. 1	
21 October	Frangulae cortex	Salicis cortex
	Quercus cortex	Cinnamomi cortex
		Cinchonae cortex
		Violae herba cum flore
		Serpylli herba
		Origani herba
		Marrubii herba
		Epilobii herba
		Polygoni avicularis herba
		Bursae pastoris herba
		Hyssopi herba
Week 6	Sennae foliolum	Camelliae sinensis folium non fermentatum
28 October	Boldi folium	Rubi idaei folium
	Althaeae folium	Ribis nigri folium
		Betulae folium
		Plantaginis lanceolatae folium
		Cynarae folium
		Eucalypti folium
		Ginkgonis folium
		Urticae folium / U. herba / U. radix

Week 7	Menyanthidis trifoliatae folium	Rosmarini folium
3 November	Uvae ursi folium	Salviae officinalis folium
	Melissae folium	Hamamelidis folium
	Menthae piperitae folium	Juglandis folium
		Hederae folium
		Crataegi folium cum flore
		Mate folium
		Vitis viniferae folium
Week 8	Equiseti herba	Malvae sylvestris flos
11 November	Thymi herba	Lavandulae flos
	Absinthii herba	Tiliae flos
		Sambuci flos
		Calendulae flos
		Arnicae flos
		Filipendulae ulmariae flos
Week 9	Matricariae flos	Chamomillae romanae flos
18 November	Verbasci flos	Lupuli flos
		Cannabis flos
		Caryophylli flos
		Primulae flos
Week 10	Foeniculi amari fructus	Anisi stellati fructus
25 November	Anisi fructus	Carvi fructus
		Coriandri fructus
		Agni casti fructus
		Silybi mariani fructus
		Rosae pseudo-fructus
		Crataegi fructus
		Capsici fructus
		Avenae fructus
		Myrtilli fructus siccus
		Juniperi galbulus
		Sennae fructus

Week 11	Lini semen	Aurantii amari epicarpium et mesocarium
2 December	Trigonellae foenugraeci semen	Phaseoli fructus (sine semine) Papaveris fructus (maturus) Colae semen Cucurbitae semen Hippocastani semen Psyllii semen Plantaginis ovatae seminis tegumentum
Week 12	Test No. 2	
9 December	Herbal teas – composition and analysis	
Week 13	Microscopic and macroscopic analysis of herbal drugs.	
16 December	Conclusions.	