

**Thematic lesson plan of independent work of the student
in the discipline "Special pharmaceutical chemistry"
for students for students in 2020 admission
according to the educational program
specialist degree
in the specialty of training 33.05.01 Pharmacy
direction (profile) Pharmacy,
form of study full-time (face to face)
for the 2024-2025 academic year**

№	Thematic blocks	Hours (acad.)
7 semester		
1.	Benzofuran derivatives: cordarone, griseofulvin.	8
2.	Proline derivatives: capoten, enalapril moleate.	8
3.	Indolylalkylamine derivatives: L-tryptophan, serotonin adipate, indomethacin	6
4.	Triazole derivatives - diflucan	4
5.	Benzimidazole derivatives: histamine, motilium.	6
6.	Amino acid derivatives - vitamin U: methylmethionine sulphonium chloride.	2
	Total	34
8 semester		
1.	Pyrrolizidine derivatives: platyphylline, seneciophylline, saracine hydrotartrate.	4
2.	Synthetic analogues (by action) of quinine: bigumal.	2
3.	Tetrahydroisoquinoline derivatives: salsoline hydrochloride, narcotine, cotarine chloride	4
4.	Synthetic analogues (by action) of morphine: lemoran, hydrocodone phosphate.	4
5.	Guanidine derivatives - spherofisin benzoate.	2
	Total	16
9 semester		
1.	Synthetic hormonal agents. Synthetic corticosteroid drugs - triamcinolone, lococortin, sinallar.	10
	Synthetic non-steroidal analogues of estrogens. Sinestrol, diethylstilbestrol. Synthetic anti-estrogenic agents - tamoxifen citrate (nolvadex).	10

	Total	20
	TOTAL	70

Considered at the meeting of the department of Pharmaceutical and Toxicological Chemistry, pharmacognosy and botany "28" August 2024, protocol No1

Head of the Department



Ozerov A.A.