

**Thematic lesson plan of independent work of the student
in the discipline "Special pharmaceutical chemistry"
for students for students in 2021 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.	Synthetic heretocyclic drugs. Benzofuran derivatives: cordarone, griseofulvin. Proline derivatives: capoten, enalapril moleate.	10
	Indolylalkylamine derivatives: L-tryptophan, serotonin adipinate, indomethacin. Triazole derivatives: Diflucan.	10
	Total	20
8 semester		
2.	Alkaloids and their synthetic analogues. Pyrrolizidine derivatives: platyphylline, seneciphylline, saracine hydrotartrate.	8
	Tetrahydroisoquinoline derivatives: salsoline hydrochloride, narcotine, cotarine chloride.	8
	Total	16
9 semester		
3.	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.