

Systemic Pharmacology I
SCPM 521, 2 Credits (2-0-4)
Academic Year 2569 (2026)

Date: 2 October 2026 – 13 November 2026

Time: Mon, Wed, Fri 09.00-12.00

Room: Pr501 Department of Pharmacology

Autonomic nervous system, cardiovascular system, hematologic system, renal system, respiratory system

Date	Topics	Instructor
2 Oct 2026	L1: Structure and function of cell membrane and membrane potential	BN
	L2: Organization and function of autonomic nervous system	BN
	L3: Drugs affecting cholinergic system I	BN
5 Oct 2026	L4: Drugs affecting cholinergic system II	BN
	L5-6: Drugs affecting adrenergic system I-II	SY
7 Oct 2026	Formative evaluation/Q&A	BN/SY
9 Oct 2026	Exam I L1-L6	
12 Oct 2026	L7-8: Organization and function of cardiovascular system I-II	PT
	L9: Vasodilators	NM
14 Oct 2026	L10: Inotropic drugs	PT
	L11: Antiarrhythmic drugs	PT
	L12: Drugs for shock and resuscitation	PT
TBA	L13: Antiplatelets	PT
	L14: Anticoagulants and fibrinolytic drugs	PT
	L15: Pharmacotherapy of ischemic heart disease	PT
19 Oct 2026	Formative evaluation/Q&A	NM/PT
21 Oct 2026	Exam II L7-L15	
26 Oct 2026	L16: Antihyperlipidemic drugs	NM
	L17: Drugs affecting hematopoiesis	NM
28 Oct 2026	L18-19: Organization and function of renal system I-II	PM
30 Oct 2026	L20-21: Pharmacotherapy of kidney disease and diuretics	PM
	L22: Pharmacotherapy of heart failure	SY
4 Nov 2026	Conference 1: Hypertension (2h)	SY/PM
	Formative evaluation/Q&A (L16-L22)	NM/SY/PM
6 Nov 2026	L23: Organization and function of respiratory system	SY
	L24: Drugs for upper respiratory tract disorders	SY
	L25: Drugs for lower respiratory tract disorders	SY
9 Nov 2026	Conference 2: Pharmacology of COPD (2 h)	PM/SY
	Formative evaluation/Q&A (L23-L25)	PM/SY
13 Nov 2026	Exam III L16-L25	