

Science Area	Code	Subject	Subject Coordinator	I			II			III			IV				Grade				
				Lecture	Home-work	Credits	Lecture	Home-work	Credits	Lecture	Home-work	Credits	Practice	Consultation	Home-work	Credits	Total Hours	Total Credits	Exam	Practical	
1		Fundamentals in Pharmacology	Prof. Dr. Peter Ferdinandy	25	125	5										150	5	I.			
2		Discovery of Medicines	Dr. Balázs Lendvai	25	125	5										150	5	I.			
3		Authorization and approval of medicinal products	Prof. Dr. István Antal	25	125	5										150	5	I.			
4		Non-clinical testing	Dr. Balázs Lendvai				10	50	2							60	2	II.			
5		Molecule to proof of concept	Dr. Balázs Lendvai				15	75	3							90	3	II.			
6		Scientific Project Management	Prof. Dr. Peter Ferdinandy	20	130	5										150	5	I.			
7		Critical literature reading	Prof. Dr. Péter Hegyi	25	125	5										150	5	I.			
8		Data management and statistics	Prof. Dr. Zoltán Vokó				20	130	5							150	5	II.			
9		Drug Safety, Pharmacovigilance and Pharmacoepidemiology	Dr. Anikó Görbe; Dr. Máté Balázs							10	50	2				60	2	III.			
10		Clinical Trials	Prof. Dr. Sándor Kerpel-Fronius				25	125	5							150	5	II.			
11		Ethics, Legal Issues (Counterfaith is)	Prof. Dr. Sándor Kerpel-Fronius							10	50	2				60	2	III.			
12		Medical Device Development	Prof. Dr. Peter Ferdinandy/Prof. Dr. Béla Merkely				25	125	5							150	5	II.			
13		Food supplements: development, market and regulation	Prof. Dr. István Antal							10	50	2				60	2	III.			
14		Market Access (Economics of Healthcare, Health Economics and Pharmacoeconomics, Reimbursement)	Prof. Dr. Zoltán Kaló							20	130	5				150	5	III.			
15		Medical affairs, Sales & Marketing strategy (Information, Promotion and Education)	Dr. Renáta Papp							20	130	5				150	5	III.			
16		Business Development, IP Protection, Life-cycle management	Dr. Renáta Papp				25	125	5							150	5	II.			
17		Manufacturing- Pharmaceutical formulation, optimization, quality assurance, logistics, supply chain	Prof. Dr. István Antal							25	125	5				150	5	III.			
18		Digital technologies in health care (Big Data, AI)	Prof. Dr. Balázs Györffy				20	130	5							150	5	II.			
19		Management skills I. (soft skills included)	Dr. Szilárd Váncsa	20	130	5										150	5		I.		
		Management skills II. (soft skills included)	Dr. Szilárd Váncsa							20	100	4				120	4		III.		
20		Finances in health industry	Dr. Lívía Pavlik							25	125	5				150	5	III.			
		Practice at Development or Manufacturing site in health industry (for ex. medicines, medical technology, food supplement, etc.)											80		220	10			IV.		
		Thesis												10	590	20					
		Lecture														420					
		Home work														3090					
		Practice														80					
		Consultation														10					
		Credits					140	760	30	140	760	30	140	760	30	80	10	810	30	3600	120