

**MSc in Business Informatics part time**  
from 2023/2024 academic year  
with hours per semester (lec, sem., lab.) ; requirements (req); credits (cr)

Code	Responsible faculty	Course name	Lecturer responsible	semes ter hours	credits	Semesters																				Prerequisite			
						1.					2.					3.					4.								
						lec	sem	lab	req	cr	lec	sem	lab	req	cr	lec	sem	lab	req	cr	lec	sem	lab	req	cr				
<b>Natural sciences and humanities</b>						18-30	110	26	30	30	0	0	14	5	10	0	0	4	0	0	0	0	0	15	0	20	0	8	
1	NMXTS1EMLF	N	Multivariate statistical methods*	Péter KÁRÁSZ, PhD	20	4	10	10	0	e	4																		
2	NBXUI1EMLF	N	Business and informatic strategy	Kornélia LAZÁNYI, PhD	20	5	10	10	0	e	5																		
3	GIXBE1EMLF	G	Business economics	Péter SZIKORA, PhD	20	5	10	10	0	m	5																		
4	GMXOK1EMLF	G	Operations research*	Viktor NAGY, PhD	15	4						5	10	0	e	4													
5	NKXVD1EMLF	N	Management decision support systems	Anikó ALMÁSI, PhD	20	4																10	0	10	m	4			
6	GIXSC1EMLF	G	Managerial economics, accounting and controlling	Ferenc KATONA, PhD	15	4																5	0	10	e	4			
<b>Business informatics core curriculum</b>						20-25	95	23	15	0	25	0	10	25	0	10	0	8	10	0	10	0	5	0	0	0	0	0	
7	NBXBK1EMLF	N	Introduction to cybersecurity	Valéria PÓSER, PhD	20	5	10	0	10	e	5																		
8	GIXPP1EMLF	G	Solution of programming problems	Péter SZIKORA, PhD	20	5	5	0	15	m	5																		
9	NKXAB1EMLF	N	Database- and Big Data technologies*	Rita FLEINER, PhD, habil	20	5											10	0	10	m	5								
10	NKXHT1EMLF	N	Network Technologies	Eszter BALÁZSNÉ KAIL, PhD	20	4						10	0	10	e	4													
11	NKXSA1EMLF	N	Computer architectures	Dezső SIMA, Prof. PhD	15	4						15	0	0	e	4													
<b>Fin Tech specialisation</b>						25-50	110	31	0	0	0	0	0	20	0	30	0	13	15	10	20	0	14	5	0	10	0	4	
12	GMXUR1EMLF	G	Business intelligence systems	Andrea TICK, PhD	15	5						5	0	10	m	5													
13	Dr. Tick Andrea	N	Cloud-based IoT and Big Data platforms	Róbert LOVAS, Prof, PhD	20	4						10	0	10	m	4													
14	NKXPT1EMLF	N	Financial technologies	Enikő NAGY, PhD, habil	15	4						5	0	10	m	4													
15	GGXVK1EMLF	G	Corporate finances and financial services	János VARGA	15	5											5	10	0	m	5								
16	NBXER1EMLF	N	Billing systems	Kornélia LAZÁNYI, PhD	15	5											5	0	10	m	5								
17	NBXBP0EMLF	N	Introduction to blockchain programming	Kornélia LAZÁNYI, PhD	15	4											5	0	10	m	4								
18	GIXUS1EMLF	G	Business process management with simulations	Andrea TICK, PhD	15	4																5	0	10	m	4			
<b>Electives</b>							30	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	0	0	8		
19	G		Elective 1.		15	4																5	10	0	m	4			
20	G		Elective 2.		15	4																5	10	0	m	4			
<b>Criteria courses</b>							17	2	0	5	0	0	0	0	6	0	0	1	0	6	0	0	1	0	0	0	0	0	
21	OTTPH1EMLF	T	Physical Training I.	Ákos HIERVARTER	6	1						0	6	0	t	1													
22	OTTPH2EMLF	T	Physical Training II.	Ákos HIERVARTER	6	1											0	6	0	t	1								
23	NDIPT1EMLF	N	Mentoring	Johanna SAPI, PhD, habil	5	0	0	5	0	s	0																		
<b>Thesis work</b>							0	30	0	0	0	0	5	0	0	0	5	0	0	0	0	10	0	0	0	0	10		
24	NDDDP1EMLF	N	Thesis work I.	Kornélia LAZÁNYI, PhD	0	5				m	5																		
25	NDDDP2EMLF	N	Thesis work II.	Kornélia LAZÁNYI, PhD	0	5										m	5											NDDDP1EMLF	
26	NDDDP3EMLF	N	Thesis work III.	Kornélia LAZÁNYI, PhD	0	10														m	10							NDDDP2EMLF	
27	NDDDP4EMLF	N	Thesis work IV.	Kornélia LAZÁNYI, PhD	0	10																			m	10		NDDDP3EMLF	
<b>Alltogether</b>							362	120	45	35	25	0	29	50	16	40	0	31	25	16	30	0	30	30	20	30	0	30	
Midterm mark (m)																													
Exam (e)																													
Signature (s)																													
<b>Alltogether</b>												105	7				106	7				71	5				80	6	

Final exam	Total credits 26
FinTech	13
Billing systems	5
Introduction to blockchain programming	4
Financial technologies	4
Business Informatics	13
Business and informatic strategy	5
Business process management with simulations	4
Management decision support systems	4