

English-taught MSc in Business Informatics

Name of degree programme: Business Informatics

Academic level of degree: Masters

Qualification obtained: Business Informatics (MSc)

Duration of degree programme: 4 semesters

Necessary no. credits for degree: 120 credits

Curriculum (beginning in autumn semester)

Compulsory courses:

	Neptun code of course	Name of course	lessons / week	seminars / week	assessment type	credit points	semester
1.	GKNM_INTA058	IT Project Management	2	2	v	4	1
2.	GKNM_INTA061	Enterprise Resource Planning	0	4	v	6	1
3.	GKNM_MSTA002	Theory of Algorithms	2	2	v	5	1
4.	GKNM_MSTA025	Data Analysis	4	0	v	4	1
5.	KGNM_MMTA014	Advanced Strategic Management	2	0	v	4	1
6.	KGNM_MMTA062	Simulations for Business Decision Making	1	2	v	4	1
7.	GKNM_INTA059	Knowledge Base Technologies and Planning	1	2	v	4	2
8.	GKNM_INTA064	Modern Technologies of System Development	2	0	v	3	2
9.	GKNM_INTA065	ERP Implementation Methodology	3	0	v	4	2
10.	GKNM_INTA168	Professional Practice	0	0	a	0	2
11.	KGNM_GETA010	Managerial accounting	2	2	v	4	2
12.	KGNM_GETA015	Management control	2	0	v	4	2
13.	KGNM_GETA025	Advanced Corporate Finance	0	2	v	4	2
14.	KGNM_MMTA012	Process Management	2	0	v	4	2

15.	GKNM_INTA098	Thesis Consultation I. (Master Programme)	0	0	f	15	3
16.	GKNM_INTA099	Thesis Consultation II. (Master Programme)	0	0	f	15	4

Hungarian Language (compulsory)

Nr.	Neptun code of course	Name of course	lessons / week	seminars / week	assessment type *	credit points
1	KGNB_NOKA036	Hungarian Language & Culture 1	0	3	a	0
2	KGNB_NOKA037	Hungarian Language & Culture 2	0	3	a	0

Differentiated professional courses

30 credit points should be obtained from this group of courses.

Nr.	Neptun code of course	Name of course	lessons / week	seminars / week	assessment type *	credit points
1.	AKNM_NKTA018	Intercultural Manager Communication	2	2	v	6
2.	GKNM_INTA055	Formal Languages and Automata	4	0	v	4
3.	GKNM_INTA057	System and Software Testing	2	2	v	4
4.	GKNM_INTA060	Optimization of Discrete Systems	2	2	v	4
5.	GKNM_INTA063	Compilers	2	2	v	4
6.	GKNM_INTA067	Computational Intelligence	2	2	v	5
7.	GKNM_INTA068	Software Examination	3	0	v	4
8.	GKNM_INTA069	Introduction to Bioinformatics	3	0	v	4
9.	GKNM_INTA070	Complexity Theory	3	0	v	4
10.	GKNM_INTA071	Document Management Systems	2	0	v	3

11.	GKNM_INTA072	Data Mining	2	1	v	4
12.	GKNM_MSTA003	Numerical Analysis	2	2	v	5
13.	GKNM_MSTA024	Stochastic Processes	2	2	v	4
14.	GKNM_TATA046	Information Security	2	0	v	5
15.	GKNM_TATA048	Internet of Things	3	0	v	5
16.	GKNM_TATA051	Cloud Computing	2	0	f	5
17.	KGNM_GETA019	Research Methodology	0	2	v	4
18.	KGNM_MMTA063	Business Statistics and Data Mining	1	2	v	4
19.	KGNM_NETA025	Business Planning and Controlling	1	2	v	5
20.	KGNM_VKTA003	Leadership and Organizational Communication	2	2	v	5
21.	KGNM_VKTA005	Management Competencies	2	2	f	5
22.	KGNM_VKTA020	Innovation and Research Communication I.	0	0	f	5
23.	KGNM_VKTA021	Innovation and Research Communication II.	0	0	f	5

Free optional courses

6 credit points should be obtained from this group of courses.

Nr.	Neptun code of course	Name of course	lessons / week	seminars / week	assessment type *	credit points
1.	AKNM_SSTA131	Sociology of the consumption society	1	1	v	4
2.	GKNM_FKTA012	Nanoelectronics	2	0	v	3
3.	GKNM_FKTA013	Measuring Theories and Techniques	2	2	v	5
4.	GKNM_FKTA035	Nuclear Technology	2	0	v	2
5.	GKNM_MGTA021	Risk Analysis	2	0	f	5

6.	KGNB_NOKM022	Exchange Course 2.	0	0	f	3
7.	KGNM_MMTA020	Media Knowledge and Public Relations Planning	2	2	v	6
8.	KGNM_MMTA027	International and Intercultural Marketing	1	2	v	5
9.	KGNM_MMTA077	Marketing Strategy	2	2	v	6
10.	KGNM_MMTA079	Advanced Human Resource Management	2	2	v	6
11.	KGNM_MMTA083	Business Competence Training	0	4	f	5

*** type of assessment**

f - evaluation based on student's performance and work during the semester

v - evaluation based on student's exam grade in a 5-grade system: excellent (5) – good (4) – satisfactory (3) – passed (2) – fail (1)

Programme supervisor: Dr Ferenc Erdős PhD

Photo of Programme supervisor:



CV of Programme supervisor:

https://admissions.sze.hu/images/cv/%C3%96n%C3%A9letraiz%2013_GI%20szakvezet%C5%91i_an_gol.pdf

Programme details: https://it.sze.hu/en_GB/msc-in-business-informatics-

Details of thesis and final exams on: https://it.sze.hu/en_GB/diploma-thesis

Information about admission procedure: <http://admissions.sze.hu/>

Student contact and mentor: Richárd Németh