

Business Informatics BSc Course

Qualification requirements:

General requirements of the diploma are regulated by The Rules and Regulations of The University of Debrecen.

Length of course

Number of semesters: 7.

Total hours (total student study time): the number of teaching (contact) hours: min. 2100.

Number of credits required to obtain degree: 210.

	Credits
Natural science and basic vocational training	139
Subjects compulsory for specializations	44
Optional vocational subjects of choice	12
Thesis	15

The grade of diploma will be calculated from the final grade for the state exam and the grade of the next subjects:

- INJK531 Foundation of computer security
- INJK302 Programming languages 2
- INJKA11 Microeconomics
- INJK112 Statistics 2
- INJKM01 Business Economics

Subjects of Natural science and basic vocational training

Code	Subject	Credit	Hrs per week			Exam	Prere- quisites	Period	Semester
			Th.	Practice					
				CR	CL				
INJK101	Mathematics 1	5	2	2		TE, S		1	1
INJK401	Logic in computer science	5	2	2		TE, S		1	1
INJKA01	Introduction to Economics	3	2			TE		1	1
INJKM01	Business Economics	3	2			TE		1	1
INJKM11	Organizational behavior	4	2	1		TE, S		1	1
INJK701	Computer architectures	3	2			TE		1	1
INJK201	Introduction to informatics	5	2		2	TE, S		1	1
INJK102	Mathematics 2	5	2	2		TE, S	INJK101	2	2
INJKA11	Microeconomics	5	2	2		TE, S	INJKA01	2	2
INJK301	Programming languages 1	5	2		2	TE, S	INJK201	2	2

INJK211	Operating systems 1	5	2		2	TE, S	INJK201	2	2
INJKJ01	Business civil law	3	2			TE		2	2
INJK411	Data structures and algorithms	5	2	2		TE, S	INJK201	2	2
INJK111	Statistics 1	5	2	2		TE, S	INJK102	1	3
INJKP01	Accountancy 1	5	2	2		TE, S		1	3
INJKA21	Macroeconomics	5	2	2		TE, S	INJKA11	1	3
INJKP11	Corporate finance 1	4	2	1		TE, S		1	3
INJKM31	Marketing	4	2	1		TE, S		1	3
INJK212	Operating systems 2	5	2		2	TE, S	INJK211	1	3
INJK302	Programming languages 2	5	2		2	TE, S	INJK301	1	3
INJK112	Statistics 2	5	2		2	TE, S	INJK111	2	4
INJK421	Theory of computing	3	2			TE	INJK401	2	4
INJK121	Numerical mathematics	5	2		2	TE, S	INJK102	2	4
INJK311	Programming labor 1	6			6	P	INJK302	2	4
INJK431	Introduction to artificial intelligence	5	2	2		TE, S	INJK301 INJK401	2	4
INJKV01	EU studies	3	2			TE		1	5
INJK711	Computer networks (architectures and protocols)	5	2		2	TE, S	INJK701	1	5
INJK312	Programming labor 2	2			2	P	INJK311	1	5
INJK511	Database systems	5	2		2	TE, S	INJK301 INJK411	1	5
INJS001	Thesis 1	5		6		P		1	5
INJK531	Foundations of computer security	3	2			TE	INJK301 INJK711	2	6
INJK551	Data processing	5	2		2	TE, S	INJK301	2	6
INJS002	Thesis 2	5		6		P		2	6
INJK571	Decision supporting systems	3	2			TE		1	7
INJS003	Thesis 3	5		6		P		1	7

Subjects compulsory for the specializations**Corporate management**

Code	Subject	Credit	Hrs per week			Exam	Prere- quisites	Period	Semeste r
			Th.	Practice					
				CR	CL				
INJVP02	Accountancy 2	5	2	2		TE, S	INJKP01	2	6
INJVP21	Management control system	4	2	1		TE, S	INJKP11	1	5
INJVP31	SAP applications 1	3			2	P	INJKP11	1	5
INJV171	Operations research	5	2		2	TE, S	INJK102	1	7
INJVP12	Corporate finance 2	4	2	1		TE, S	INJKP11	2	6
INJVP41	Financial planning and analysis with PC	3			2	P	INJKP11	1	7
INJVP51	SAS business intelligence	3			2	P	INJK401	1	7
INJVM61	Strategic management	3	2			TE	INJKM01	1	7
INJVP32	SAP applications 2	3			2	P	INJVP31	2	6
INJV141	Financial mathematics	5	2	2		TE, S	INJK112	1	5
INJV151	Statistics with computer	3			2	P	INJK112	1	7
INJV561	Content management	3			2	P	INJK302 INJK711	2	6

e-Business

Code	Subject	Credit	Hrs per week			Exam	Prere- quisites	Period	Semeste r
			Th.	Practice					
				CR	CL				
INJV331	Web application development	5	2		2	TE, S	INCV561	1	7
INCV561	Content management	3			2	P	INJK302 INJK711	2	6
INJV321	Software development for mobile devices	5	2		2	TE, S	INJK302 INJK711	2	6
INJV341	Technology of development of Internet applications	3			2	P	INJK302 INJK711 INJK511	1	7
INJV131	Information theory	3	2			TE	INJK102	1	6

INJV581	Data security	7	4		2	TE, S	INJV131 INJK531	1	7
INJV181	Coding theory	3	2			TE	INJV131	1	7
INJVM41	Internet-marketing	4	1	2		TE, S	INJKM31	1	5
INJVM71	International marketing	4	1	2		TE, S	INJKM31	1	7
INJVM51	E-management	4	1	2		TE, S	INJKM01	2	6
INJV161	Applications of probability theory	3	2			TE	INJK112	2	6

Subjects optional for the specializations

Code	Subject	Credit	Hrs per week			Exam	Prere- quisites	Period	Semeste r
			Th.	Practice					
				CR	CL				
INJFM21	Human resource management	4	2	1		TE, S		2	
INJF501	System engineering	3	2			TE	INJK301	1	
INJF541	Performance evaluation of computer networks	2	2			TE	INJK111	2	
INJF521	Information economics	3	2			TE		1	
INJFV31	Project work	12							
INJFV11	Economy history 1	3	2			TE		1	
INJFV12	Economy history 2	3	2			TE	INJFV11	2	

Subjects optional for the Corporate management specialization

INJV441	Knowledge based systems	5	2		2	TE, S	INJK431	2	
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Subjects optional for the e-Business specialization

INJV151	Statistics with computer	3			2	P	INJK112	1	
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Exam: TE – terminal examination
 S – sign
 P – practical sign

