Appendix No. 1a to Resolution No.746 of the UZ Senate of April 26th, 2023

PLAN OF FULL-TIME STUDIES

Degree course: COMPUTER SCIENCE AND ECONOMETRICS - second-cycle course

Course delivery method: full-time course

Recruitment in the academic year 2023/2024

Duration: 4 semesters

University of Zielona Góra

Faculty of Mathematics, Computer Science and Econometrics

No.		COURSE NAME	Hours per semester	ECTS	Form of assignment	SEMESTER 1								SEMESTER 2								SEMESTER 3								SEMESTER 4							
						Form of classes						Form of assignment	ECTS	Form of classes						Form of assignment	ECTS	Form of classes						Form of assignment	ECTS	Form of classes						Form of assignment	ECTS
						L	C	Lab	P	S	Pra			L	C	Lab	P	S	Pra			L	C	Lab	P	S	Pra			L	C	Lab	P	S	Pra		
1	Compulsory subjects module (general, basic and course)	English 1	30	2	O			30				O	2																								
2		English 2	30	2	E											30				E	2																
3		Statystical Analysis in Market Research	45	4	OO																	15		30				OO	4								
4		Multivariate Analysis	60	7	EO	30	30					EO	7																								
5		Dynamic and Financial Econometrics	60	7	EO	30		30				EO	7																								
6		Mathematical Economics	60	5	EO									30	30					EO	5																
7		Software Engineering	45	7	EO	15		30				EO	7																								
8		Actuarial Methods	60	5	EO									30	30					EO	5																
9		Representative Methods	45	4	OO																									30		15				OO	4
10		Forecasting and Simulation	45	7	EO	15		30				EO	7																								
11		Management Information Systems	60	5	EO																	30			30			EO	5								
12		Computer Networks	60	5	EO																									30		30				EO	5
13		Diploma Seminar 1	30	3	O													30		O	3																
14		Diploma Seminar 2	60	6	O																					60		O	6								
15		Diploma Seminar 3	60	9	Z																													60		Z	9
1	Specialty - Business Analytics	Decision Analysis and Decision Theory	60	7	EOO									30	15		15			EOO	7																
2		Multimedia in Business	45	5	EO																	30			15			EO	5								
3		Specialist Seminar 1	30	2	O													30		O	2																
4		Specialist Seminar 2	30	2	O																					30		O	2								
5		Specialist Seminar 3	30	2	Z																													30		Z	2
6		ERP Class Systems	45	6	EO																	15			30			EO	6								
7		Machine Learning	45	5	OO									15		30				OO	5																
1	Specialty - Statistics and Econometrics	Decision Analysis and Decision Theory	60	7	EOO									30	15		15			EOO	7																
2		Econometrics	90	10	EOO																	30	30	30				EOO	10								
3		Experimental Design	45	6	EO																									30		15				EO	6
4		Specialist Seminar 1	30	2	O													30		O	2																
5		Specialist Seminar 2	30	2	O																					30		O	2								
6		Specialist Seminar 3	30	2	Z																													30		Z	2
1	Specialty - Information Systems	Data Warehouse	45	5	OO									15		30				OO	5																
2		Software Engineering 2	45	5	EO																	15			30			EO	5								
3		Algorithmical Methods	45	6	EO																	15		30				EO	6								
4		Specialist Seminar 1	30	2	O													30		O	2																
5		Specialist Seminar 2	30	2	O																					30		O	2								
6		Specialist Seminar 3	30	2	Z																													30		Z	2
7		Topics in Discrete Mathematics	60	7	EO									30	30					EO	7																

	Hours	ECTS	Exams	S1 hours	S1 exams	S1 ECTS	S2 hours	S2 exams	S2 ECTS	S3 hours	S3 exams	S3 ECTS	S4 hours	S4 exams	S4 ECTS
Compulsory subjects module	750	78	9 E	240	4 E	30	180	3 E	15	165	1 E	15	165	1 E	18
Specialty - Business Analytics	285	29	3 E	0	0 E	0	135	1 E	14	120	2 E	13	30	0 E	2
Specialty - Statistics and Econometrics	285	29	3 E	0	0 E	0	90	1 E	9	120	1 E	12	75	1 E	8
Specialty - Information Systems	285	29	3 E	0	0 E	0	135	1 E	14	120	2 E	13	30	0 E	2
Practices	0	0													
Total (specialty - Business Analytics)	**1035**	**107**	**12 E**	**240**	**4 E**	**30**	**315**	**4 E**	**29**	**285**	**3 E**	**28**	**195**	**1 E**	**20**
Total (Specialty - Statistics and Econometrics)	**1035**	**107**	**12 E**	**240**	**4 E**	**30**	**270**	**4 E**	**24**	**285**	**2 E**	**27**	**240**	**2 E**	**26**
Total (Specialty - Information Systems)	**1035**	**107**	**12 E**	**240**	**4 E**	**30**	**315**	**4 E**	**29**	**285**	**3 E**	**28**	**195**	**1 E**	**20**

Total without practices	**1035**	**107**

Additional subjects offered for degree course: COMPUTER SCIENCE AND ECONOMETRICS

No.		COURSE NAME	SEMESTER 1								SEMESTER 2								SEMESTER 3								SEMESTER 4							
			Form of classes						Form of assignment	ECTS	Form of classes						Form of assignment	ECTS	Form of classes						Form of assignment	ECTS	Form of classes						Form of assignment	ECTS
			L	C	Lab	P	S	Pra			L	C	Lab	P	S	Pra			L	C	Lab	P	S	Pra			L	C	Lab	P	S	Pra		
1	ADDITIONAL	Decision Analysis and Decision Theory									30	15		15			EOO	7									30	15		15			EOO	7
2		Financial Market Analysis									15	30					OO	4									15	30					OO	4
3		Web Applications									30		30				OO	4									30		30				OO	4
4		Econometrics																	30	30	30				EOO	10								
5		Data Warehouse									15		30				OO	5									15		30				OO	5
6		Software Engineering 2																	15			30			EO	5								
7		Computer Image Processing																	15			30			OO	4								
8		LaTeX											30				O	2																
9		Algorithmical Methods																	15		30				EO	6								
10		Software Modeling in Economic Systems									15			30			OO	4									15			30			OO	4
11		Multimedia in Business																	30			15			EO	5								
12		Tools and component technologies in the designing systems of e-business																	15			30			OO	4								
13		Experimental Design																									30		15				EO	6
14		Quantum Computing																									30		30				OO	5
15		Investment Market																	15			30			OO	4								
16		Specialist Seminar 1													30		O	2																
17		Specialist Seminar 2																					30		O	2								
18		Specialist Seminar 3																													30		Z	2
19		ERP Class Systems																	15			30			EO	6								
20		Technological Foundations of E-Economy																	15			30			OO	4								
21		Internet Technologies in Management									15			30			OO	4									15			30			OO	4
22		Machine Learning									15		30				OO	5									15		30				OO	5
23		Topics in Discrete Mathematics									30	30					EO	7									30	30					EO	7
24		Advanced Programming Techniques for Enterprise Distributed Systems																	15		15	15			OOO	4								
1	HUMANITIES	English for Specific Purposes																		30					O	3		30					O	3
2		Practical Stylistics										30					O	3										30					O	3
1	SOCIAL	Pedagogy 2										30					O	2										30					O	2
2		Psychology 2										30					O	2										30					O	2

Recommended:

Resolution No. 16 of the Mathematics Discipline Council of 08 March 2023

Approved by Faculty Education Council at the Faculty of Mathematics, Computer Science and Econometrics:

Resolution no 1 of 09 March 2023