

	COURSE NAME	COURSE CODE	ECTS	TYPE OF COURSE	THE COORDINATOR OF THE COURSE	Winter or/and Spring term
Finance, International Investment and Accounting (BA studies)						
1	IT Tools in Economics	2400-FIM1NI	3	seminar	dr Karolina Kuligowska	S
2	Introduction to Economics	2400-FIM1WDE	5	lecture	dr hab. Beata Łopaciuk-Gonczaruk, prof. ucz.	W
3	Economic history	2400-FIM1HG	6	seminar	dr Maciej Bukowski, mgr Dariusz Standerski	W and S
4	History of economics	2400-FIM1HE	6	seminar	dr hab. Michał Brzeziński, prof. ucz.	W and S
5	Demography	2400-FIM1DEM	6	seminar	dr Łukasz Byra, mgr Aliaksei Bashko	W and S
6	Microeconomics I	2400-FIM1MI	6	class and lecture	dr Anna Kukla-Gryz	W
7	Microeconomics II	2400-FIM1MII	6	class and lecture	dr Maciej Wilamowski	S
8	Microeconomics III	2400-FIM2MI3	6	seminar	dr hab. Katarzyna Metelska-Szaniawska, prof. ucz.	W
9	Macroeconomics I	2400-FIM1MAI	5	class and lecture	dr hab. Gabriela Grotkowska, prof. ucz., dr Tomasz Gajderowicz	S
10	Macroeconomics II	2400-FIM2MAII	6	class and lecture	dr hab. Joanna Siwińska-Gorzelak, prof. ucz.	W
11	Macroeconomics of the Open Economy	2400-FIM2MGO	5	class and lecture	dr hab. Gabriela Grotkowska, prof. ucz., dr hab. Joanna Siwińska-Gorzelak, prof. ucz.	S
12	International Trade Theory and Policy	2400-FIM3ITT	5	class and lecture	prof. dr hab. Andrzej Cieślik	W
13	Linear Algebra	2400-FIM1AL	6	class and lecture	dr Oskar Kędzierski	W
14	Mathematical Analysis I	2400-FIM1AMI	5	class and lecture	dr hab. Benjamin Warhurst	W
15	Mathematical Analysis II	2400-FIM1AMII	5	class and lecture	dr hab. Benjamin Warhurst	S
16	Probability Calculus	2400-FIM2RP	6	class and lecture	dr Anna Janicka	W
17	Mathematical Statistics	2400-FIM2SM	5	class and lecture	dr Anna Janicka	S
18	Econometrics	2400-FIM3EC	7	class and lecture	dr Aneta Dzik-Walczak	W

19	Financial Law	2400-FIM3FL	4	lecture	mgr Mateusz Tchórzewski	S
20	Finance I (ACCA)	2400-FIM2FI1(ACCA)	6	class and lecture	dr Mateusz Kopyt	W
21	Finance II	2400-FIM2FI2	6	class and lecture	dr Mateusz Kopyt	S
22	International Finance	2400-FIM3IF	4	seminar	dr hab. Stanisław Kubiela, prof. ucz.	W
23	Insurances	2400-FIM3IN	4	lecture	dr Janusz Gajda	W
24	Accounting part I	2400-FIM1RACI	2	seminar	dr Grażyna Bukowska, dr Agata Kocia	S
25	Accounting part II	2400-FIM2RACII	4	seminar	dr Grażyna Bukowska, dr Agata Kocia	W
26	Investment Account	2400-FIM2RI	6	seminar	dr Grzegorz Kula	S
27	Introduction to public finance	2400-FIM3IPF	5	lecture	dr hab. Agnieszka Kopańska, dr Grzegorz Kula, dr Mateusz Szczurek	W
28	Banking	2400-FIM3BA	6	lecture	dr Krzysztof Spirzewski	S
Quantitative Finance (MA studies)						
1	Advanced Microeconomics (Asset Pricing)	2400-QFU2AMI	3	lecture	dr hab. Tomasz Kopczewski	W
2	Advanced Macroeconomics	2400-QFU2AMA	3	lecture	dr Mehmet Burak Turgut	W
3	Statistics and Econometrics	2400-QFU1STE	2	lecture	dr Marcin Chlebus	W
4	Introduction to Quantitative Finance	2400-QFU1IQF	3	lecture	dr Gilbert Mbara	W
5	Macroeconomics for Finance	2400-QFU1MF	3	lecture	dr Grzegorz Wesołowski	W
6	Mathematical Methods in Finance	2400-QFU1MMF	7	class and lecture	dr Elżbieta Babula	W
7	Time Series Analysis	2400-QFU1TSA	6	class and lecture	dr Paweł Sakowski	S
8	Quantitative Strategies. High Frequency Data	2400-QFU2FEC	6	class and lecture	dr hab. Piotr Wójcik, prof. ucz.	W
9	Financial Statement Analysis	2400-QFU1FSA	6	class and lecture	dr Agata Kocia	W
10	Ethical Standards and Financial Law	2400-QFU1ESL	3	lecture	mgr Anna Lewczuk	W
11	Asset Allocation and Investment Strategies I	2400-QFU1AIS	3	lecture	dr Wojciech Grabowski	W
12	Asset Allocation and Investment Strategies II	2400-QFU1AIS2	3	seminar	dr Wojciech Grabowski	S
13	Equity and Fixed Income	2400-QFU1EFI	5	class and lecture	dr hab. Juliusz Jabłecki	S

14	Derivatives Markets	2400-QFU1DVM	4	class and lecture	dr Krzysztof Spirzewski	S
15	Corporate Finance	2400-QFU1CFN	4	class and lecture	dr Kamil Rusak	S
16	Computational Finance	2400-QFU1CF	5	seminar	dr Kamil Rusak	S
17	Risk Analysis and Modelling I	2400-QFU2RAMI	5	seminar	prof. dr hab. Janusz Kudła	W
18	C++ in Quantitative Finance I	2400-QFU2C1	4	class	dr Paweł Sakowski, dr Przemysław Kurek	W
19	Theory and practice of option pricing	2400-QFU2TPRO	6	lecture	dr hab. Juliusz Jabłecki	W
20	Risk Analysis and Modelling II	2400-QFU2RAMII	5	seminar	prof. dr hab. Janusz Kudła	S
21	C++ in Quantitative Finance II	2400-QFU2C2	4	seminar	dr Paweł Sakowski, dr Przemysław Kurek	S
22	Empirics of Financial Markets	2400-QFU2EFM	5	seminar	dr hab. Ryszard Kokoszcyński, prof. ucz., dr hab. Robert Ślepaczuk	S
23	Automatic Transactional Systems	2400-QFU2TSA	5	seminar	mgr Robert Wojciechowski	S

International Economics (MA studies)

1	Advanced Microeconomics Game Theory)	2400-ICU1AMI	4,5	consultation and lecture	dr hab. Michał Krawczyk, prof. ucz.	W
2	Advanced Microeconomics (General Equilibrium)	2400-ICU1AMla	4,5	consultation and lecture	dr hab. Jan Hagemeyer, prof. ucz.	W
3	Mathematical Methods in Economics	2400-ICU1MAT	5	class and lecture	dr Elżbieta Babula	W
4	Microeconometrics	2400-ICU1MIR	6	class and lecture	dr hab. Jerzy Mycielski	W
5	Macroeconometrics	2400-ICU1MAR	5	class and lecture	dr hab. Łukasz Goczek, prof. ucz., dr hab. Jerzy Mycielski	S
6	Advanced Macroeconomics (Growth + Business Cycles)	2400-ICU1AMA	7	consultation and lecture	dr Marcin Bielecki	S
7	International Trade Theory	2400-ICU1ITT	5	consultation and lecture	prof. dr hab. Andrzej Cieślak	W
8	Monetary Economics	2400-ICU1MON	5	lecture	dr hab. Michał Brzozowski	S
9	International Trade Policy	2400-ICU1ITP	5	consultation and lecture	prof. dr hab. Jan Jakub Michałek	S
10	International Labour Migration	2400-ICU2ILM	4	lecture	dr hab. Paweł Kaczmarczyk, prof. ucz.	W
11	International Economic Geography	2400-ZEWW485	8	lecture	dr hab. Bartłomiej Rokicki, prof. ucz.	W
12	International Finance	2400-ICU2IFI	7	lecture	dr hab. Stanisław Kubielas, prof. ucz.	W
13	International Trade Negotiations	2400-ICU2ITN	5	lecture	prof. dr hab. Jan Jakub Michałek	W

14	International Monetary Policy	2400-ICU2IMP	7	lecture	dr hab. Ryszard Kokoszczyński, prof. ucz.	S
15	Theory of Economic Integration	2400-ICU2TEI	7	lecture	dr hab. Katarzyna Śledziwska, prof. ucz.	S
16	International Marketing	2400-ICU2IMK	7	lecture	dr Radosław Wolniak	S
17	Innovations and International Technology	2400-ICU2IIT	7	seminar	dr hab. Stanisław Kubiela, prof. ucz.	S
Data Science and Business Analytics (MA studies)						
1	Applied Microeconomics	2400-DS1AMI	5	lecture	dr hab. Tomasz Kopczewski	W
2	Applied Macroeconomics	2400-DS1AMA	5	class and lecture	dr hab. Jan Hagemejer, prof. ucz., dr Mehmet Burak Turgut	W
3	Advanced Econometrics	2400-DS1AE	6	class and lecture	dr Rafał Woźniak	S
4	Applied Finance	2400-DS2AF	5	class and lecture	dr hab. Piotr Wójcik, prof. ucz., dr Paweł Sakowski, mgr Mateusz Buczyński	W
5	R: intro / data cleaning and imputation R / basics of visualisation	2400-DS1R	3	lab	mgr Adam Czerwiński	W
6	Python and SQL: intro / SQL platforms	2400-DS1SQL	4	lab	dr Maciej Wilamowski, mgr Robert Wojciechowski	W
7	Algorithms for Data Science	2400-DS1AL	6	class and lecture	dr Krzysztof Fleszar	S
8	Statistics and Exploratory Data Analysis	2400-DS1ST	5	lab	mgr Damian Zięba	W
9	Introduction to Data Science	2400-DS1DS	3	lecture	dr Maciej Wilamowski	W
10	Unsupervised Learning	2400-DS1UL	3	lab	dr hab. Katarzyna Kopczewska, prof. ucz., dr Jacek Lewkowicz	W
11	Web Scraping and Social Media Scraping	2400-DS1WSMS	3	lab	dr Przemysław Kurek, dr Jacek Lewkowicz	S
12	Advanced Programming in R	2400-DS1APR	5	seminar	dr hab. Piotr Wójcik, prof. ucz., dr Piotr Ćwiakowski	S
13	Machine Learning 1: classification methods	2400-DS1ML1	4	seminar	dr hab. Piotr Wójcik, prof. ucz., dr Maciej Wilamowski	S
14	Advanced Visualisation in R	2400-DS2AV	6	seminar	dr Piotr Ćwiakowski	W
15	Text Mining and Social Media Mining	2400-DS2TMS	4	lab	dr Karolina Kuligowska, dr Jacek Lewkowicz	W
16	Big Data Analytics	2400-DS2BDA	2	lab	mgr Tomasz Żukowski	W
17	Machine Learning 2: predictive models, deep learning, neural network	2400-DS2ML2	4	lab	dr Paweł Sakowski, mgr Robert Wojciechowski	W
18	Reproducible Research	2400-DS2RR	4	seminar	dr Wojciech Hardy	S

19	Communication and Autopresentation	2400-DS1CA	2	seminar	dr Iwona Żółtowska	W
20	Negotiations	2400-DS2NEG	3	seminar	dr Jarosław Górski	W

Other (BA and MA studies)

1	Data processing and analysis in Python language	2400-ZEWW796	3	seminar	mgr Damian Zięba	W and S
2	Advanced Perspectives in the Analytics and Policy Design of International Migration	2400-ZEWW760	3	seminar	prof. dr dr h.c. Oded Stark	S
3	Bayesian time-series econometrics	2400-ZEWW829	3	seminar	dr Andrzej Kocięcki	S
4	Credit Risk - methods of scorecards development in R	2400-ZEWW752	3	seminar	dr Marcin Chlebus	S
5	Cyber Security	2400-ZEWW848	3	seminar	mgr Randy Boyle	W
6	Dashboards and Power Excel Tools	2400-ZEWW838	3	e-learning course	dr Przemysław Kusztełak, mgr Mateusz Heba	S
7	DATABASES - APPLICATIONS OF SQL	2400-ZEWW669	3	seminar	dr Tomasz Jeruzalski	S
8	Does It Pay to Invest In Human Capital? Theory and Empirical Evidence	2400-ZEWW754	3	seminar	dr Jacek Liwiński	W
9	Econometric and statistical modelling in R	2400-ZEWW817	3	seminar	dr hab. Katarzyna Kopczewska, prof. ucz.	S
10	Economic data analysis with Microsoft Excel and VBA I	2400-ZEWW765	6	e-learning course	dr Przemysław Kusztełak	W
11	Economics of Art and Culture	2400-ZEWW822	3	seminar	dr Aleksandra Wiśniewska, mgr Bartosz Jusypenko	W and S
12	Economics of Education	2400-ZEWW801	3	seminar	dr Jacek Liwiński	S
13	Economics of Taxation	2400-ZEWW716	3	seminar	dr Grzegorz Kula	W
14	Environmental and Resource Economics	2400-ZEWW743	3	seminar	prof. dr hab. Tomasz Żylicz	W
15	Equity and Fixed Income Securities	2400-ZEWW861	3	seminar	dr Gilbert Mbara	S
16	From data to insights with Google Cloud Platform	2400-ZEWW827	3	e-learning course	dr hab. Katarzyna Śledziewska, prof. ucz.	S
17	INNOVATIONS AND INTERNATIONAL TECHNOLOGY TRANSFER	2400-ZEWW524	3	seminar	dr hab. Stanisław Kubielas, prof. ucz.	S
18	International Economic Geography	2400-ZEWW485	8	lecture	dr hab. Bartłomiej Rokicki, prof. ucz.	W
19	International Environmental Cooperation	2400-ZEWW627	3	seminar	prof. dr hab. Tomasz Żylicz	S
20	International marketing	2400-ZEWW626	3	seminar	dr Radosław Wolniak	S
21	Introduction to Anti Money Laundering	2400-ZEWW715	3	seminar	dr hab. Stanisław Cichocki	S
22	Introduction to Process Mining with Celonis	2400-ZEWW850	3	lab	dr Marcin Chlebus	W
23	Managerial Accounting	2400-ZEWW611	3	seminar	dr Agata Kocia	W

24	Methods of duration data analysis	2400-ZEWW844	3	seminar	dr hab. Anna Matysiak, prof. ucz.	W
25	Modelling Consumer Preferences for Environmental Goods	2400-ZEWW830	3	seminar	dr hab. Marek Giergiczny, prof. ucz.	S
26	Networking	2400-ZEWW849	3	seminar	mgr Randy Boyle	W
27	Political Economy	2400-ZEWW799	5	class and lecture	dr hab. Jan Fałkowski, prof. ucz.	S
28	Quantitative Economics	2400-ZEWW863	3	seminar	dr Piotr Żoch	S
29	Smart City	2400-ZEWW812	3	seminar	dr hab. Agnieszka Kopańska	S
30	SOCIAL RESEARCH METHODS	2400-ZEWW761	3	seminar	dr hab. Beata Łopaciuk-Gonczaryk, prof. ucz.	S
31	Spatial econometrics in R	2400-ZEWW780	3	seminar	dr hab. Katarzyna Kopczewska, prof. ucz.	S
32	Strategic Accounting	2400-ZEWW546	3	seminar	dr Piotr Modzelewski	W
33	Sustainable Development economics	2400-ZEWW625	3	seminar	dr hab. Jerzy Śleszyński, prof. ucz.	S
34	Technology acceptance model - practical applications	2400-ZEWW866	3	seminar	mgr Umair Ashraf Rana	S
35	Transnational Corporations	2400-ZEWW560	5	seminar	dr Radosław Wolniak	W