CORVINUS UNIVERSITY of BUDAPEST

Applied Economics Bachelor's program

Training program description

For students who start in the fall semester of 2023/2024.

Applied Economics Bachelor's program

Valid: For students starting their studies in the 2023/2024/1 semester
Update: 16/10/2023
General Informations:

Person responsible for the major: Eszter Szabó-Bakos, associate professor
Place of the training: Budapest
Training schedule: full-time
Language of the training: Hungarian, English
Is it offered as dual training: no

Specializations:

No specialisation.

Training and outcome requirements:

1. **Title of the Bachelor's programme in English:** Applied Economics
   Title of the Bachelor's programme in Hungarian: alkalmazott közgazdaságtan
2. **The level of qualification attainable in the bachelor's programme, and the title of the certification**
   - qualification level: bachelor (baccalaureus, abbreviation: BSc)
   - qualification in Hungarian: economist with a bachelor's degree in applied economics
   - qualification in English: Economist in Applied Economics
3. **Training area:** economics
4. **Training duration, in semesters:** 6 semesters
5. **The number of credits to be completed for the bachelor's degree:** 180 credits
   - degree orientation: theory oriented (60-70 percent)
   - thesis credit value: 10 credits
   - minimum credit value of optional courses: 9 credits
6. **International Standard Classification of Education field of education code:** 314/0311
7. **Bachelor's degree training objectives and professional competences**

   The objective of the programme is the training of economist experts who possess a stable grasp of economy and a suitable background in methodology, who can answer relevant economic questions using the attained knowledge and skills, who can solve the identified problem, and perform a basic analysis of the effects of economic events and economic policy interventions. Based on their knowledge and skills, they may participate in basic analytic and decision-preparing tasks. They are prepared to continue their training at the master's level.

7.1. Attained professional competences

7.1.1. The economist with an applied economics undergraduate degree has

a) knowledge

- Knows the basic, comprehensive concepts, theories, facts, national and international economy interrelationships regarding relevant economic actors, functions, and processes.
- Has studied the basic theories and characteristics of the micro and macro levels of economy, possesses the basic information-gathering, mathematical, and statistical analytic methods.
- Knows the tools that may be used to identify relevant economic questions.
- Knows and skilfully uses the concepts of economic analysis.
- Knows the model-building, information-gathering, information-processing, and -analysis methods that may be used to answer relevant questions in economy.

- Has attained the knowledge regarding the factors that affect the decisions of economic operators and the interrelationships by which decisions and market processes become economic events.
- Knows the points of connection through which the market and economic policy institutions can influence economic events.
- Knows the transmission mechanism of economic policy interventions.
- Has mastered the contentual and formal requirements of publishing professional results, and uses them competently.

b) skills

- Can uncover, systemise, and analyse facts and basic interrelationships by utilising the studied theories and methods, can formulate independent deductions and critiques, makes decision-preparation suggestions, and makes decisions in known and partially unknown – Hungarian or international – environments.
- Follows and interprets international and world economy business processes, changes in economic policy and in policies and laws relevant to his/her professional specialisation, their effects, and considers these in analyses, suggestions, and decisions.
- Is capable of identifying relevant economic issues correctly and of answering them at a professionally adequate level based on their analysis and predictions.
- Is capable of choosing adequate conceptual and methodological elements to solve a relevant economic problem.
- Understands economic interrelationships, is capable of identifying the factors behind economic changes and of gauging the expected effects of economic events and economic policy interventions.
- Is capable of presenting results at the expected professional quality in a clear and understandable way.

c) attitudes

- Demonstrates a problem-sensitive, proactive behaviour for quality work; is constructive, cooperative, and takes initiative in project and group work.
- Is open to new information, to new professional knowledge and methodologies, and to performing new tasks and tasks that require cooperation. Strives to improve knowledge and work relationships and to cooperate with colleagues in this.
- Is dedicated to quality work.
- Observes the professional and ethical norms of scientific life and work.
- Is open to new knowledge.
- Is dedicated to the lifelong improvement of skills and knowledge.
- Observes the ethical norms of professional work in independent work; is open and constructive in group work.
- By applying the attained mathematical knowledge, strives for the deepest and most comprehensive understanding of observed phenomena and the description and explanation of their patterns.

d) autonomy and responsibilities

- Performs and organises the tasks defined in his/her job description independently, with a general professional oversight. Organises the analysis of economic processes and data collection, systemisation, and evaluation independently. Takes responsibility for analyses and conclusions.
- Takes responsibility for his/her decisions, activity, and behaviour.
- Takes responsibility for adhering to the standards, ethical guidelines, and professional standards defined by the educational institution.

– Takes responsibility for his/her own professional development.

8. Bachelor's degree characteristics

8.1. Professional properties

The programme ensures the development of a stable conceptual system of economy and a basic methodological toolkit necessary for solving basic economy-related issues, and develops skills necessary to uncover and solve issues and present the results, and reinforces the student's attitudes, responsibility, and autonomy.

The scientific fields and areas that the training is based on are:

– economy and methodology skills [Mathematics, Statistics, Informatics, Economics (Micro and Macro Economics, International Economics), Corporate Economics, Finance, Accounting, Economic Theory, Economic Statistics, Finance, History of Economic Thought, Economic Modelling, Game Theory, Economic Policy, Sectoral and Functional Economy, Economics, Community Economics, World- and European Economics, Environmental Economics, Public Policy, Regional Economics Studies, and differentiated professional skills] 155-165 credits;
– introduction to social sciences (European Union Studies, General and Financial Law Studies, Economic History, Sociology, Psychology, Politology, Social Psychology, Philosophy, Organisational and Management Theory) 15-25 credits.

9. Degree thesis/ Dissertation

The aim of the degree thesis is to demonstrate the student's knowledge and expertise in a chosen topic, scientific data collection, systematization, analysis and processing related to the chosen topic, discussion of the chosen phenomenon or problem, hypothesis creation, problem solving, analysis of alternative hypotheses, argumentation and in refuting the counter-arguments, in a coherent, consistent, language-oriented written explanation of his thoughts, views, positions, statements.

10. Type of Degree thesis

Project type thesis (project thesis-based).

Students are required to combine the three studies resulting from the Project courses and submit them as a dissertation.

11. Requirements for the issue of a final certificate

The University will issue a final certificate to the student who has obtained

– the study and examination regulation prescribed in the curriculum, and
– the required credits.

12. Conditions for admission to the final examination

Joint conditions for admission to the final exam:

a) obtaining a final certificate,
b) submission of the dissertation by the deadline,
c) evaluation of the dissertation with a different grade than the deadline,
d) registration for the final exam by the deadline,
e) the student has no overdue payment debt to the University for the given training,
f) accounted for with assets owned by the University (borrowed books, sports equipment, etc.).

A student who has not fulfilled any of the provisions of the points a)-f) cannot be admitted to the final examination.

13. Parts of the final exam

As part of the thesis defense, students must present the main results of their papers created as a result of the Project courses and answer the questions related to these papers.

14. Determining the result of the final exam

The arithmetic mean of the following two digits, rounded to two decimal places:

a) the grade given to the dissertation by the reviewer (s) - determined with a five-point qualification - in case of several reviewers the average of the marks of the reviews is rounded to two decimal places, and

b) the grade obtained for the defense of the dissertation, for the answers to the questions related to the dissertation - established with a five-level qualification.

15. Components of diploma qualification, method of calculation

The result of the diploma is the arithmetic mean of the following two digits, rounded to two decimal places:

a) the credit-weighted average of the marks of the compulsory and compulsory elective subjects (if the student has taken more than the compulsory elective subjects, then all the subjects taken) in the amount of credits prescribed in the curriculum, and

b) the result (grade) of the final examination.

16. Conditions for issuing a diploma

The issuing of a diploma attesting to the completion of higher education studies is subject to the successful completion of the final exam.

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Subject Code	Subject Name	Type	Number of hours per week hours		Credits	Evaluation	Fall or Spring Semester	2023/24 Academic year		2024/25 Academic year		2025/26 Academic year		Credit	course leader	Institute	Requirement		Equivalent subject		PSO
								1	2	3	4	5	6								
			Lecture	Seminar				Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester				Code	Name	Code	Name	
Obligatory Courses								**30**	**30**	**30**	**30**	**10**	**11**	**141**							
KOZG028NABB	Introduction to Theoretical Economics	C	2	2	8	pg	fall	8							Olivér Miklós Rácz	Institute of Economics					no
KOZG029NABB	Introduction to Empirical Economics	C	0	4	8	pg	fall	8							Dániel Horn	Institute of Economics					no
MSMT004NABB	Mathematical Analysis	C	2	2	4	ex	fall	4							Gyula Magyarkuti	Institute of Data Analytics and Information Systems					yes
PSBV026NABB	Corporate Finance	C	2	2	6	ex	fall	6							Nóra Ágota Felföldi-Szűcs	Institute of Finance					yes
KSSZ010NABB	Foundations of Social Sciences	C	1	1	4	ex	fall	4							Bence Ságvári	Institute of Social and Political Sciences					yes
KG00089NABB	Microeconomics I.	C	2	4	8	pg	spring		8						Gergely Kőhegyi	Institute of Economics					no
MSST008NABB	Statistics	C	0	4	8	pg	spring		8						Anita Ilona Oroszné Csesznák	Institute of Data Analytics and Information Systems					no
MSMT005NABB	Probability Theory	C	2	2	4	ex	spring		4						Gyula Magyarkuti	Institute of Data Analytics and Information Systems	MSMT004NABB	Mathematical Analysis			yes
PSPS006NABB	Foundations of Accounting	C	2	2	4	ex	spring		4						László Péter Lakatos	Institute of Accounting and Law					yes
KG00036NABB	Project 1**	C	0	2	6	pg	spring		6						László János Tőkés	Institute of Economics					no
KG00038NABB	Macroeconomics	C	0	4	8	pg	fall			8					Bakos Eszter Szabó	Institute of Economics					no
MSST001NABB	Econometrics I.	C	0	4	8	pg	fall			8						Institute of Economics	MSST008NABB	Statistics			no
KG00027NABB	Microeconomics II.	C	0	4	6	pg	fall			6					Gergely Kőhegyi	Institute of Economics	KG00089NABB	Microeconomics I.			yes
MSMT006NABB	Linear Algebra	C	2	2	4	ex	fall			4					Gyula Magyarkuti	Institute of Data Analytics and Information Systems	MSMT004NABB	Mathematical Analysis			yes
KG00009NABB	Introduction to Game Theory	C	2	2	4	ex	fall			4					Barna Bakó	Institute of Economics	KG00089NABB	Microeconomics I.			yes
KG00039NABB	International Economics	C	0	4	8	pg	spring				8				Bakos Eszter Szabó	Institute of Economics					no
MSST002NABB	Econometrics II.	C	0	4	8	pg	spring				8				Tibor Keresztély	Institute of Data Analytics and Information Systems	MSST001NABB	Econometrics I.			no
GKKK027NABB	Public Economics	C	2	2	4	ex	spring				4				József Golovics	Institute of Economics					yes

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								1	2	3	4	5	6								
			Lecture	Seminar				Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester				Code	Name	Code	Name	
KG00049NABB	Industrial Organization	C	2	2	4	ex	spring				4				András Kálecz-Simon	Institute of Economics	KG00009NABB	Introduction to Game Theory			yes
KG00040NABB	Project 2**	C	0	2	6	pg	spring				6				Tibor Takács	Institute of Data Analytics and Information Systems	KG00036NABB	Project 1			no
VGUG014NABB	Business economics	C	2	2	4	ex	fall					4			Attila Kajos	Institute of Entrepreneurship and Innovation					yes
PSBV021NABB	Money and Capital Markets	C	2	2	6	ex	fall					6			Dávid Zoltán Szabó	Institute of Finance					yes
KG00028NABB	History of Economic Thought	C	2	2	5	ex	spring						5		Gergely Kőhegyi	Institute of Economics					yes
KOZG030NABB	Project 3**	C	0	4	6	pg	spring						6		László János Tőkés	Institute of Economics	KG00040NABB MSST002NABB	Project 2, Econometrics II			no
Core elective courses								**0**	**0**	**0**	**0**	**15**	**15**	**30**							
Economic Applications								**0**	**0**	**0**	**0**	**10**	**10**	**20**							
KG00085NABB	Empirical macroeconomics	CE	2	2	6	pg	fall					6			István Kónya	Institute of Economics					yes
GKEK002NABB	Introduction to Health Economics	CE	2	2	6	ex	fall					6			Zsuzsanna Beretzky	Institute of Social and Political Sciences					yes
KG00090NMBB	Empirikus közgazdasági elemzések STATA-ban	CE	0	2	6	pg	fall, spring					6	6		László János Tőkés	Institute of Economics					yes
PSGK002NABB	Economic Policy	CE	0	4	6	ex	spring						6		András Olivér Németh	Institute of Economics					yes
GKOI002NABB	Institutional Economics	CE	2	2	6	ex	fall					6	6		József Golovics	Institute of Economics					yes
GKKK031NABB	Public Choice	CE	2	2	6	ex	fall, spring					6	6		Petra Edina Reszkető	Institute of Social and Political Sciences					yes
GKGM007NABB	Introduction to Labor Economics	CE	2	0	5	ex	fall					5	5		Zoltán Hermann	Institute of Economics					yes
GKGM008NABB	Education Economics	CE	2	0	5	ex	spring					5	5		Zoltán Hermann	Institute of Economics					yes
PSPE003NABB	Finance	CE	2	1	6	ex	spring						6		Gábor Kürthy	Institute of Finance					yes
KG00132NABB	Political economics	CE	4	0	6	ex	spring						6		Róbert Venyige	Institute of Economics					yes
KG00003NABB	Behavioral Economics	CE	2	2	5	ex	fall					5	5		Hubert János Kiss	Institute of Economics					yes

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								1	2	3	4	5	6								
			Lecture	Seminar				Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester				Code	Name	Code	Name	
7GF20NAV12B	Economic and Human Geography	CE	2	0	3	ex	spring						3		László Botond Jeney	Institute of Sustainable Development					yes
KG00059NAMB	Advanced Microeconomics[1]	CE	2	4	7	ex	fall					7			Helga Habis	Institute of Economics					yes
KG00136NAMB	Advanced Macroeconomics[1]	CE	4	4	7	ex	fall					7			Klára Major	Institute of Economics					yes
KG00137NAMB	Causal Data Analysis[1]	CE	4	2	7	ex	fall					7			Álmos Telegdy	Institute of Economics					yes
FENT027NABB	Agricultural Economics	CE	1	1	4	ex	fall, spring					4	4		Tamás Mizik	Institute of Sustainable Development					yes
TARS068NAMB	Cost-Benefit Analysis[2]	CE	2	4	6	ex	fall					6			Sándor Csengődi	Institute of Social and Political Sciences					yes
293NMARK370B	Marketing[3]	CE	2	2	6	ex	fall						6		József Hubert	Institute of Marketing and Communication Sciences					yes
MSOA005NABB	Multivariate data analysis	CE	2	2	6	ex	fall					6			László Kovács	Institute of Data Analytics and Information Systems					yes
MSOA006NABB	Multivariate statistical methods II.	CE	2	2	6	ex	spring						6		Péter Vékás	Institute of Operations and Decision Sciences					
Courses in Social Sciences								**0**	**0**	**0**	**0**	**5**	**5**	**10**							
TARS070NABB	Philosophy	CE	0	2	3	pg	fall, spring					3	3		Olga Kiss	Institute of Social and Political Sciences					yes
KOZG020NABB	Economic history	CE	2	0	3	ex	fall					3			Róbert Venyige	Institute of Economics					yes
PSGJ013NABB	Business Law	CE	2	0	3	ex	fall, spring					3	3		Péter Metzinger	Institute of Accounting and Law					yes
GKOI005NABB	Economic Psychology	CE	2	2	6	ex	spring						6			Institute of Strategy and Management					
KSSZ012NABB	Economic Sociology	CE	1	0	3	ex	fall, spring					3	3		László Letenyei	Institute of Social and Political Sciences					yes
NPPT008NABB	Political Science	CE	2	2	6	ex	spring						6		Réka Várnagy	Institute of Social and Political Sciences					
7PO10NFV77B	Hungarian Political System	CE	2	0	3	ex	spring						3		József Dúró	Institute of Social and Political Sciences					

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								1	2	3	4	5	6								
			Lecture	Seminar				Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester				Code	Name	Code	Name	
Elective Courses								**0**	**0**	**0**	**0**	**6**	**3**	**9**							
	Foreign language	E			3	pg	fall, spring									Centre of Foreign Language Education and Research					
IOK0001NABB	Hungarian Language SHI I.*	E/C	0	4	3	pg	fall	3	3						Judit Magyar	Centre of Foreign Language Education and Research					
IOK0004NABB	Hungarian Language SHI II.*	E/C	0	4	3	ex	spring	3	3						Judit Magyar	Centre of Foreign Language Education and Research					
	Electives Subjects	E					fall, spring														
Criterion subjects								**0**	**0**	**0**	**0**	**0**	**0**	**0**							
TES_TESTNEV	Sports/Physical Education **	CR	0	2	0	sg	fall, spring	0	0						Csaba Vladár	Centre for Physical Educations and Sports					
Total credits								**30**	**30**	**30**	**30**	**31**	**29**	**180**							

Remarks
Type: C-compulsory courses, CE-core elective courses, E-elective courses
Methods of assessment: ex-exam (exam at the end of the semester, but other forms of assessment are possible during the semester), pg-grade based on the practical assignments given during the the semester, a-signature, ce-Comprehensive examination.
A subject that can be completed in a preferential study order (PSO) on the basis of Section 92 of the Study and Examination Regulation (SER).

Physical education
Physical education is a criterion subject, the condition for obtaining a diploma is the completion of two semesters. The two semesters of physical education can be completed at any time during the program. Students who have fulfilled the criterion can only take the subject in the form of reimbursement for a fee.

Foreign language
During their studies, students can study a foreign language free of charge for two semesters, including a specific language, within the framework of the elective subjects.
Students who have completed two semesters of language subjects may take additional language subjects only upon payment of a specified fee.

Curriculum
It is recommended to include the subjects in the schedule according to the sample curriculum. The student may deviate from this, taking into account:
1. the pre-study order,
2. semester of announcing subjects
3. completion of an average of 30 credits per semester
4. in addition to the compulsory subjects, students may take elective subjects from the offer of elective subjects (see Neptun) as well as foreign languages.
5. a minimum of 2/3 of the required amount of credit must be completed at Corvinus University.

The economic applications and the social science subject blocks are the flexibly changing parts of the sample curriculum and contain the expected list of subjects. The current list for the given semester is included in the subject announcement for the given semester.
Students must complete 20 credits from the Economic Applications block

*: Hungarian Language is a compulsory subject for the students participating in the Stipendium Hungaricum scholarship program in the first two semesters.

1: A student who completes the Advanced Microeconomics, Advanced Macroeconomics and Casual Data Analysis courses can apply with full credit to the one-year Master's program in Economic Analysis
2: A student who completes the Cost-Benefit Analysis cours can apply with full credit to the one-year Public Policy and Management MSc programme
3: For students who wish to continue their studies in the one-year Master's program in Marketing Strategy and Innovation, it is mandatory to complete this marketing course and must take at least 9 credits worth of courses in the field of marketing as elective courses.

**Out of the 18 credits of the project 1, project 2, and project 3 courses, work corresponding to 9 credits contributes to the preparation of a portfolio, serving as a thesis, while work corresponding to 9 credits develops other competencies and knowledge elements defined among the goals of the program.

The detailed rules related to the admission of the subjects and the completion of the subjects are included in the Study and Examination Regulations!

Please note that curriculum changes are possible!