

**AGREEMENT OF COOPERATION
FOR
BACHELOR'S DOUBLE DEGREE PROGRAMME
BETWEEN
VILNIUS GEDIMINAS TECHNICAL UNIVERSITY, LITHUANIA
AND
DNIPRO UNIVERSITY OF TECHNOLOGY, UKRAINE**

Vilnius Gediminas Technical University (Vilnius Tech), hereinafter referred to as *Vilnius Tech*, with its legal domicile in Vilnius, Lithuania, represented by the Rector Prof. Alfonsas Daniūnas

and

Dnipro University of Technology (DniproTech) hereinafter referred to as *DniproTech*, with a legal domicile in Dnipro, Ukraine, represented by the Rector, Prof. Aziukovskyi Oleksandr hereinafter referred to as *partner institutions*,

agree to alter the cooperation document from Memorandum of Understanding signed on 25 June 2018 into the Agreement of Cooperation in order to implement the objectives of the Double Degree Programme (hereinafter referred to as *DDP* in undergraduate studies, based on the following provisions below:

Part 1. Exchange Principles and Mobility Period

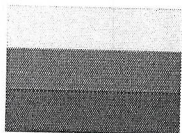
1. The *DDP* will allow students of the partner institutions to obtain *Vilnius Tech* and *DniproTech* degrees, and the double degree option will only be available for students enrolled in the selected degree programmes at the partner institutions.
2. The *home institution* is the university where the students start their degree-seeking studies and apply to participate in the double degree programme. The *host institution* is the university where the students participating in the *DDP* spend their mobility period.
3. The duration of the mobility period is one academic year, representing at least 25% of the degree credits required by the *host institution*.
4. The mobility period for partner institution students participating in the *DDP* will start at the beginning of the Autumn or Spring semester, after the first 4-5 semesters at the *home institution*. Students participating in the *DDP* will maintain their enrolment at their home university during the mobility period at the *host institution*.
6. The study programme for each double degree student will consist of regular courses available at the *host institution* and will be determined in consultation with academic advisors from both the *home* and *host institutions*. The academic performance during the mobility period will be evaluated according to the rules of the *home* or *host institution*, as appropriate.
7. Each institution shall receive at least 10- 12 double degree students per year, however this number can be negotiated upon the request of the partner institutions.

Part 2. Tuition Fees

8. Double degree students will be exempt from paying tuition fee to the *host institution* on parity basis. However, double degree students will not be exempt in the case of penalty fees, as defined by the regulations of the *host institution*.
9. Double degree students from *DniproTech* beyond the parity will pay the *host institution* standard/regular tuition fee as for the EU/ EEA residents during the mobility period at the *host institution*.
10. The tuition fee is provided in ANNEX 3 and will be complemented each year. It is revised each year and approved by the *Vilnius Tech* Council. The tuition fee should be paid before the 1st September for Autumn semester and 1st February for Spring semester.

Part 3. Student Eligibility

11. The double degree option will only be available for students enrolled in *Vilnius Tech* BSc Economics Engineering programme and in *DniproTech* in BSc Economics programme.



12. To be eligible for the *DDP*, students must be full-time, degree-seeking students at their *home institution*, have completed their first four semesters of study with a GPA (Grade Point Average) no less than 74 points for *DniproTech* students and no less than 7 points for *Vilnius Tech* students. The students must possess the knowledge of English of upper-intermediate level (B2), confirmed by the internal certificate issued by the *home institution* at least and meet any specific admission requirements of the *host institution*. The ECTS transfer scale is enclosed in ANNEX 2.
13. Additional eligibility requirements, such as a higher minimal GPA, amount of earned credits, and enrolment into a specific degree programme may be specified separately in the regulations of the partner institutions.

Part 4. Credit Transfer and Double Degree Awards

14. Credits obtained at the *home institution* will be officially recognised and transferred to the *host institution* when determining the individual study programme for each student. Credits obtained at the *host institution* will be officially recognised and transferred to the *home institution* at the end of the mobility period. Each *partner institution* will use their standard procedures for credit transfer.
15. *Vilnius Tech* will award the Bachelor's degree of Social Sciences in Economics (BSc) to *DniproTech* students who successfully participate in the *DDP* mobility period and complete all the *Vilnius Tech* degree requirements, including the BSc thesis defence in front of the committee chaired by *Vilnius Tech* and academic representation from *DniproTech*. *Vilnius Tech* degree, if awarded, will also be accompanied by a "*Europass*" degree supplement document (<http://europass.cedefop.europa.eu/>).
16. *DniproTech* will award the Bachelor's degree of Economics (BSc) to *Vilnius Tech* students who successfully participate in the *DDP* mobility period and complete all the *DniproTech* degree requirements.
17. The *host institution* will individually provide official transcripts (in English) for all double degree students participating in the *DDP*, regardless of their eligibility to obtain the degree mentioned in provision 15 or 16. The transcripts will include the list of courses and credits taken at the *host institution* during the mobility period.

Part 5. Student Selection and Admission

18. The *partner institutions* will actively promote the opportunities provided by the *DDP* among their students, and the respective international student offices will also provide assistance to prospective applicants.
19. The student selection will be conducted on a transparent and competitive basis at the *home institution*.
20. The *host institution* will make the final decision on the acceptance of each student.

Part 6. Provisions Related to Mobility Period

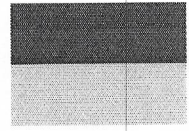
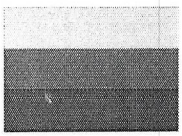
21. Students participating in the *DDP* must have valid healthcare insurance for the country of the *host institution* for the whole duration of the mobility period. Proof of such healthcare insurance must be provided in English.
22. The *host institution* will issue all necessary documents free of charge related to the legal (immigration) procedures to enter and stay in the country of the *host institution*. The visa and residency permit charges (if any) will have to be paid by the individual student.

Part 7. Exclusions and Disciplinary Measures

23. Students participating in the *DDP* must respect all written and applicable regulations and ethical norms of the *host institution* during the mobility period.
24. In case students fail to attend classes and/or laboratory sessions or fails to participate in the midterm and final exams at the *host institution*, they may be requested to return to their *home institution* and their *DDP* suspended or terminated based on the unanimous decision of the *partner institutions*.

Part 8. Other Provisions

25. Double degree students will be responsible for their personal expenses, including accommodation, travel, food, general living costs, and healthcare fees.
26. *Unexpected cancellation of student mobility*: the *partner institutions* reserve the right to cancel with an immediate notice or compensation any student mobility. Specifically, in the event of force majeure (for



- example, but not limited to acts of nature, such as fire, earthquake, hurricane, flood, or terrorist attacks), the *partner institutions* are free from the responsibility.
27. *Limitation of liability of partner institutions*: if it becomes impossible for a student to participate in the DDP due to force majeure, visa or health problems, or any other reason not attributed to the *partner institutions*, the latter ones are free of any responsibility. In such cases, the students will be allowed to continue their studies at their *home institution* and will be provided with an academic transcript from the *host institution*.
 28. Each *partner institution* has the right to discontinue the DDP for new students' enrolment based on 3 months advance written notice. Yet the existing arrangement for all students who have been enrolled in the DDP shall be completed.
 29. Each *partner institution* designates two coordinators (academic staff member and international staff member) to coordinate and facilitate the activities under this Agreement.


Part 9. Confidentiality

30. During the term of this Agreement the Parties guarantee the information is absolutely confidential between the Parties and shall not be disclosed to anyone else.

Part 10. Term of Validity

31. This Agreement will come into force upon the signatures of the designated signatories of both partners and will be automatically renewed every five years, unless official notice to terminate is received from either party.

Signed in Vilnius, Lithuania
 on _____, 2021

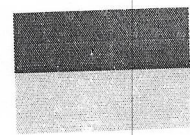
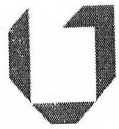
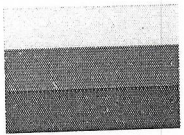


Prof. Alfonsas Daniūnas
 Rector
 Vilnius Gediminas Technical University

Signed in Dnipro, Ukraine
 on _____, 2021



Prof. Aziukovskyi Oleksandr
 Rector
 Dnipro University of Technology



Degree Comparison:

Economics Engineering BSc programme at Vilnius Tech/ Economics BSc programme at DniproTech
Vilnius Gediminas Technical University, Lithuania & Dnipro University of Technology, Ukraine

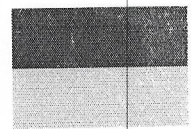
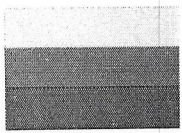
Degree Descriptions

- This course mapping shows the feasibility of matching the required courses and electives of the BSc in Economics Engineering at Vilnius Gediminas Technical University with the required courses and electives of the BSc in Economics at Dnipro University of Technology.
- Both degrees can be satisfied based on completing 2 semesters (25% of credits) at the *Partner Institution*.
- Courses marked with * are provided as facultative courses and should be studied by students enrolled to the DDP program.

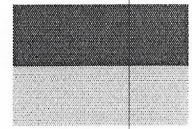
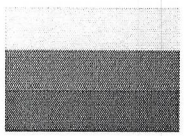
Institution	Vilnius Gediminas Technical University	Dnipro University of Technology
Institution acronym	Vilnius Tech	DniproTech
Faculty/School/ Department	Economics Engineering Department Faculty of Business Management	Department of economics and economic cybernetics Faculty of Finances and Economics
Degree programme title	Economics Engineering	Economics
Level	Undergraduate	Undergraduate
Number of credits	240 ECTS	240 ECTS
Number of semesters	8	8
Avg. credits /semester	30 ECTS	30 ECTS
Additional requirements	Thesis	Thesis
Internship requirement	Obligatory	Obligatory

Vilnius Gediminas Technical University BSc Economics Engineering		Dnipro University of Technology BSc Economics	
Course Group	ECTS Credits	Course Group	ECTS Credits
Obligatory courses	195	Obligatory courses	192
Foreign language	6	Foreign language	6
Free electives	6	Free electives	12
Thesis	18	Thesis	18
Internship	15	Internship	15
Total Credits	240	Total Credits	240

VG TU Course Title	Course code	ECTS Credits	DniproTech Course Title	Number of semester in DniproTech	ECTS Credits
SEMESTER 1		30			28
Information Technologies	FMISB16101	6	Information Technologies	1	5
Linear Algebra and Mathematical Analysis	FMSAB16105	9	Higher Mathematics	1	7
Philosophy	KIFSB17109	3	History of Economic Theories	1	3
Principles of Economics	VVEIB19180	3	Value competences of a specialist	4	3
Business Fundamentals	VVTVB19101	3	Business Fundamentals	3	4
Engineering Principles	VVTVB17184	3	Engineering Principles	1	3
<i>Option (one of the following)</i>			Speciality Languages (English/German/French)	1	3
Speciality English Language 1	KIUSB17098	3			
Speciality German Language 1	KIUSB17099	3			
Speciality French Language 1	KIUSB17100	3			
SEMESTER 2		30			27
Probability Theory and Mathematical Statistics	FMSAB16206	9	Probability Theory and Mathematical Statistics	2	5
			Economic Statistics	2	3
Language for specific purposes	KILSB17037	3	Ukrainian language	1	3
Microeconomics	VVEIB17801	6	Microeconomics	2	4
Essentials of Financial Decisions	VVFRB17201	3	Essentials of Financial Decisions	2	3
Management	VVVKB17157	3	Management	2	3
<i>Option (one of the following)</i>			Civilization processes in the Ukrainian society	2	3
Sociology	KIFSB17207	3			
Intercultural Communication	VVVKB17029	3			
<i>Option (one of the following)</i>			Speciality Languages (English/German/French)	2	3
Speciality English Language 2	KIUSB17146	3			
Speciality German Language 2	KIUSB17147	3			
Speciality French Language 2	KIUSB17148	3			
SEMESTER 3		30			30
Quantitative Modelling Methods	VVEIB20301	6	Economic and mathematical modelling	4	7,5
Course Project of Quantitative Modelling Methods	VVEIB17279	3	Course Work of Economic and Mathematical Modelling	3	0,5
Comparative Economics	VVEIB17112	3	Models of economy growth	5	3
Macroeconomics	VVEIB17186	6	Macroeconomics	3	5
Accounting (with course work)	VVFRB16301	6	Accounting	3	5
Fundamentals of Law	VVTEB16203	3	Fundamentals of Law	3	3

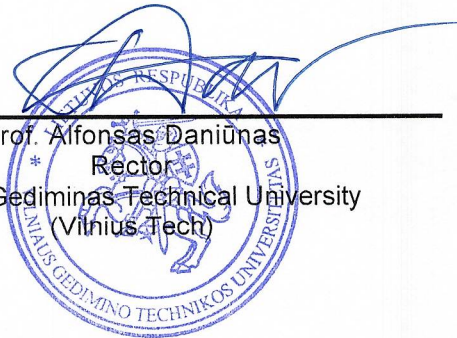


<i>Option (one of the following)</i>					
Regional Economics I: China	VVEIB17024	3	Regional Economics	2	6
Regional Economics I: Russia and Other CIS Countries	VVEIB17025	3			
Regional Economics I: Nordic Countries	VVEIB17026	3			
SEMESTER 4		30			25
Programming Python	FMSAB16218	6	Programming Python	4	6
Introductory Practice	VVEIB17350	3	Introductory Practice	4	3
Econometrics (course work)	FMSAB19370	3	Course Work of Econometrics	4	0,5
Econometrics	FMSAB19369	6	Econometrics	3	7.5
Corporate Financial Management	VVFRB16401	6	Corporate Financial Management	4	5
Business Law	VVTEB16403	3	Business Law	5	3
<i>Option (one of the following)</i>					
Regional economics II: China	VVEIB17027	3			
Regional Economics II: Russia and other CIS countries	VVEIB17028	3			
Regional Economics II: Nordic Countries	VVEIB17029	3			
SEMESTER 5		30			37
Data Analysis with Python	FMSAB18518	3	Data Analysis with Python	5	3
Economic Analysis	VVEIB17093	6	Economic Analysis	5	5
Economics of Human Resource	VVEIB17161	3	Economy of enterprise	3	5
			Economy of enterprise	4	5
Economic Forecasting (with course work)	VVEIB18412	6	Forecasting social and economic processes	5	6
Project Preparation and Evaluation	VVTVB17271	3	Project Management	5	3
Marketing	VVVKB17033	6	Marketing Communications	5	4
			Web design	2	3
<i>Free choice obligatory course</i>		3	Foreign Economic Activities	2	3
SEMESTER 6		30			33
Economics of Public Sector (with course work)	VVEIB17201	6	Economics of Public Sector	5	5
Digital Economy	VVEIB18402	6	E-economy	6	6
Complex Project of Economics Engineering	VVEIB18408	6	Complex Project of Economics Engineering	6	6
Pricing	VVFRB16601	6	Pricing	6	6
International Economics	VVEIB20601	3	International Economics	6	3
<i>Free choice obligatory course</i>		3	Business process modelling	6	3



			National and institutional economy	6	4
<i>Specialization: Investment Economics</i>					
SEMESTER 7		30			29,5
Professional Practice	VVFRB16708	12	Industrial practical training	7	12
Financial Markets and Institutions	VVFRB19704	3	Financial markets and institutions	7	2,5
Complex Project of Investment Economics	VVFRB19706	6	Potential and development of the enterprise	7	7
Personal Finance	VVFRB19708	3	Personal finance	7	2,5
Bachelor Graduation Thesis 1	VVFRB17806	3			
Economics of Investment	VVFRB19705	3	Economics of investment	7	2,5
			Civil safety	7	3
SEMESTER 8		30			30,5
Behavioural Finance	VVFRB19809	6	Behavioural finance	8	2,5
Bachelor Graduation Thesis 3	VVFRB17808	9	Bachelor graduation thesis	8	18
Bachelor Graduation Thesis 2	VVFRB19804	6			
Financial Risk Management	VVFRB19806	6	Financial risk management	8	5
Taxation System	VVFRB19801	3	Taxation system	8	5

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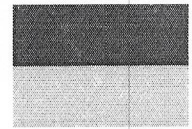
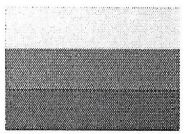


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Rector
Dnipro University of Technology (DniproTech)



Vilnius Tech:
Prof. Dr Daiva Jurevičiienė
Head of Economics Engineering Department


DniproTech:
Dr Kateryna Pilova
Dean of the Faculty of Finances and Economics



EXPLANATION OF THE GRADING SYSTEMS

Duration of the course unit: 1Y- 1 full academic year 1S- one semester 2S- two semesters				Official duration of programme: 3 years 10 months, full-time form of studies (240.00 ECTS)		
ECTS credits: Lithuanian degree system is modular/ course based with 30 ECTS working load per semester, 60 ECTS per academic year						
Vilnius Tech Grading Scheme				Dnipro Tech Grading Scheme		
VILNIUS TECH grade/	ECTS grade	Percentage of successful students normally achieving the grade	Definition	Marks	ECTS grade	National grade
10	A	10	EXCELLENT- outstanding performance with only minor errors	90 – 100	A	Excellent
9	B	25	VERY GOOD- above the average standard but with some errors	82 – 89	B	Good
8-7	C	30	GOOD- generally sound work with a number of notable errors	74 – 81	C	
6	D	25	SATISFACTORY- fair but with significant shortcomings	64 – 73	D	Satisfactory
5	E	10	SUFFICIENT- performance meets the minimum criteria	60 – 63	E	
4 and below	FX/F	-	FAIL- considerable further work is required	35 – 59	F	Fail
				1 – 34	FX	

NA (non applicable) – ECTS credits are not awarded, the student has not attended the examination procedure


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