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Double Degree Professional Master Program in Mathematics

ULM UNIVERSITY (Germany)

and TARAS SHEVCHENKO NATIONAL UNIVERSITY OF KYIV (Ukraine)

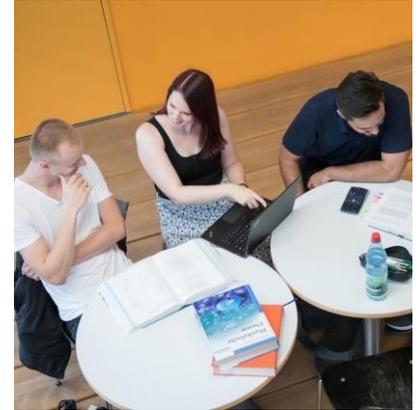
Facts about the Program

- since 2012: general exchange agreement
since 2016: double degree program
- since then more than 20 participating students from Kyiv
- annual expected cohort of 10 students,
exact number depends on quality and number of applications
- aims & goals
 - international collaboration and exchange of ideas between universities
 - promote intercultural exchange among students
 - provide students with knowledge in the fields of finance and mathematics



Structure of the Program

- duration: 2 years (4 semesters)
- 2 semesters at each university:
 - winter semester at the partner university
 - summer semester at the home university
- participation in online courses
- curriculum is defined in the agreement (all courses in English)
 - table of equivalent courses
 - updated as required
 - credits are recognized and transferred
- joint supervision of Master's thesis by both universities
- concludes with two Master's degrees
 - Master of Science in Finance (Mathematics) from Ulm
 - Master of Mathematics (Statistics) from Kyiv



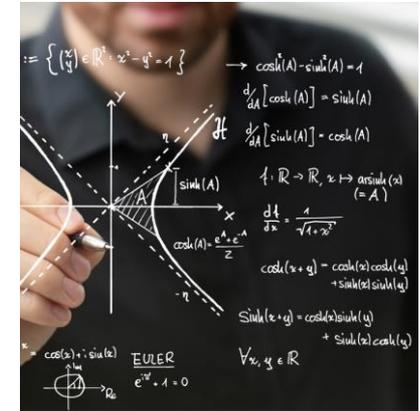
Exemplary transfer of credits

According to Master in Finance Curriculum Ulm			Taken by the student		
Site	Course	Credits	Course	Credits	Site
Ulm	Asset Pricing	7 ECTS	Asset Pricing	7 ECTS	Ulm
Ulm	Continuous Time Financial Mathematics	4 ECTS	Mathematics of Finance	4 ECTS	Kyiv
Ulm	Practical Financial Engineering	4 ECTS	Practical Financial Engineering	4 ECTS	Online
Ulm	Risk Management Roundup	4 ECTS	Risk Management Roundup	4 ECTS	Ulm
...			...		
Ulm	Electives Mathematics	35 ECTS	Course 1 Course 2 ...	9 ECTS 7 ECTS	Kyiv Kyiv
Ulm	Electives Financial Economics	12 ECTS	Course 1 Course 2	6 ECTS 6 ECTS	Kyiv Ulm
Ulm	Additional Key Qualification	8 ECTS	German Course 1 German Course 2 ...	3 ECTS 3 ECTS	Ulm Ulm
Ulm	Seminar	8 ECTS	Seminar 1 Seminar 2	4 ECTS 4 ECTS	Ulm Kyiv
Ulm	Master's thesis	30 ECTS	Master's thesis	30 ECTS	Ulm /Kyiv

Compulsory courses
 Electives
 Other

History of the Program

- initiation:
- personal contacts between the Institute of Stochastics (UUm) and the Chair of the Institute of Probability Theory and Statistics (KNU)
- shared vision of a student exchange program
- previous funding:
 - 2014-2016: DAAD Internationale Studien- und Ausbildungspartnerschaften (ISAP)
 - Student Exchange
 - Lecturer Mobility
 - 2015 – up to now: Baden-Württemberg Scholarships
 - 2018-2020: DAAD Eastern Partnerships
 - Exchange of young academics
 - Lecturer Mobility



Further details



- each university offers language courses in the local language (as provided in the agreement)
- no tuition fees (agreement is based on reciprocity)



- admission criteria may differ for double-degree applicants (e.g. certificate of language proficiency)

- advantages for participants:
 - two degrees in four semesters (standard period of study)
 - extended course selection
 - internationality





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