

## Apply now for the International Master of Science in Engineering, Entrepreneurship and Resources (MSc ENTER)!

*Study at three top technical universities in the heart of Europe and  
become a highly qualified professional  
in the field of mechanical and process engineering!*



- Dnipro University of Technology, Ukraine (DUT)
- Lappeenranta-Lahti University of Technology, Finland (LUT University)
- TU Bergakademie Freiberg, Germany (TUBAF)



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## *An Overview of the Curriculum*

Semester 1	Semester 2	Semester 3	Semester 4
DUT	LUT University	TU Freiberg	DUT
Sept. – Jan./Feb.	Jan./Feb. – May/June	Oct. – Feb./Mar.	Feb./Mar. – Aug.

Computer Researches of Processing of Details on Multi-Faceted CNC Machines	Current Issues in Enabling Technologies for Circular Economy	Training in Particle Technology	Master thesis will be jointly supervised by the three partner universities and carries a total of 30 ECTS credits.
Optimization of Cutting Modes on CNC Machines	Process Intensification	Training in Endurance and Design	
Mathematical Modeling of Systems	Knowledge Discovery and Process Data Analysis	Conception of Process Equipment	
System-Structural Optimization of Processing Processes on CNC Machines	Industrial Project Management*	Discrete Element Method	
	Manufacturing Processes for Recyclable Products* Simulation, Laboratory Course*	Maintenance Engineering	* Elective modules
	Advanced Course in Life Cycle Assessment*	Project – Process Design Mineral Processing/Recycling	Please visit <a href="http://www.enter-study.eu">www.enter-study.eu</a> for detailed course descriptions.

## *The International Joint Study Programme*

<b>Diploma</b>	The consortium will deliver a <b>triple degree diploma</b> to the graduates: <ul style="list-style-type: none"> <li>· DUT awards the degree “Master of Applied Mechanics”</li> <li>· LUT University awards the degree “Master of Science in Technology”</li> <li>· TUBAF awards the degree “Master of Science” in Mechanical and Process Engineering</li> </ul>
<b>Credits</b>	122 ECTS, 2 years
<b>Language of Instruction</b>	English (second and third semesters at LUT University and TUBAF)

<b>Language of Master Thesis</b>	English (fourth semester at DUT)
<b>Starts in</b>	September
<b>Requirements</b>	<ul style="list-style-type: none"> <li>• First cycle higher education degree (e.g. a Bachelor degree) in mechanical engineering, process engineering, environmental engineering, chemical engineering or other relevant fields of study</li> <li>• English language certificate (can be submitted after the accepted application) <ul style="list-style-type: none"> <li>- TOEFL: 80 for internet-based test or 550 for paper-based test;</li> <li>- IELTS: 6.0;</li> <li>- PTE Academic: 54;</li> <li>- Cambridge English Qualifications – C1 Advanced or C2 Proficiency: C</li> <li>- APTIS Advanced: CEFR level B2</li> </ul> </li> <li>• Additional application documents as required at the Dnipro University of Technology. Please submit your application direct to the Programme Coordinators!</li> </ul>
<b>Scholarships</b>	<ul style="list-style-type: none"> <li>• For up to <b>12 months'</b> study-abroad periods respectively in Finland and in Germany, students can apply for the EIT partial scholarships of up to <b>4,200 €</b> per student according to the Cooperation Agreement signed between the three partner universities.</li> <li>• Upon application, each participating student of the MSc. ENTER programme can receive a scholarship of <b>10,000 €</b> to cover 100% of tuition fees at LUT University.</li> <li>• Besides, each eligible candidate student can also receive a <b>200 €</b> bursary to participate at an internationally recognised English test (e.g. TOEFL, IELTS, APTIS Advanced) as required.</li> </ul>
<b>Fees</b>	<ul style="list-style-type: none"> <li>• Enrolment fees: each admitted student of the MSc. ENTER programme will receive a fee waiver to cover the enrolment fees for the studies at Lappeenranta (about <b>140 €/student</b>) and at Freiberg (about <b>336 €/student</b>).</li> </ul>

### Additional Information For Your Study-Abroad Periods

	Lappeenranta, Finland	Freiberg, Germany
<b>Visa and Residence Permit</b>	Residence permit is required from non-EU/EEA citizen. Further details can be found <a href="#">here</a> .	<ul style="list-style-type: none"> <li>- Apply for the student visa at the German diplomatic mission in Ukraine.</li> <li>- After you enter Germany, apply for a residence permit at the Alien Registration Office in Freiberg within first 3 months.</li> <li>- Further details can be found <a href="#">here</a>.</li> </ul>

<b>Health Insurance</b>	Students must personally cover insurance costs for the duration of studies in Finland. You can take out private insurance and find further details <a href="#">here</a> .	Everyone who studies in Germany must have health insurance. Details about acceptable private health insurance can be found <a href="#">here</a> .
<b>Housing</b>	Accommodation is arranged by Lappeenranta Student Housing Foundation. Further details can be found <a href="#">here</a> .	<ul style="list-style-type: none"> <li>- Student dormitories provided by the Student Services Office (<a href="#">Studentenwerk Freiberg</a>)</li> <li>- <a href="#">Other possibilities</a></li> </ul>
<b>Cost of Living</b>	About <b>700 €</b> per month (about 350 € for monthly rent and utilities). Further details can be found <a href="#">here</a> .	<b>450 – 550 €</b> per month, including: Rent and utilities: 170 – 280 € Food and clothing: 170 – 220 € Phone, internet and TV: 35 – 50 €
<b>Services for Students</b>	Additional services for students at LUT University can be found <a href="#">here</a> .	Additional services for students at TU Freiberg can be found <a href="#">here</a> .

## Further Contacts



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### **DUT Programme Coordinators:**

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