

International Master of Science in Engineering, Entrepreneurship and Resources (MSc ENTER)

University of Miskolc,
Hungary (ME)

Lappeenranta-Lahti
University of Technology,
Finland (LUT University)

TU Bergakademie Freiberg,
Germany (TUBAF)



Study at three universities in the heart of Europe with esteemed technical profiles and become a highly qualified professional in the field of industrial, mechanical and process engineering!



This activity has received funding from the European Institute of Innovation and Technology (EIT), a body of the European Union, under the Horizon 2020, the EU Framework Programme for Research and Innovation



AN OVERVIEW OF THE CURRICULUM

Semester 1	Semester 2	Semester 3	Semester 4
University of Miskolc	LUT University	TU Bergakademie Freiberg	University of Miskolc
Oct. – Jan.	Jan. – May	Oct. – Feb./Mar.	Feb./Mar. – Aug.
Environmental Geology (4 ECTS Credits)	Current Issues in Enabling Technologies for Circular Economy (5 ECTS Credits)	Training in Particle Technology (4 ECTS Credits)	Master thesis will be jointly supervised by the three partner universities (one supervisor from ME, one from LUT and one from TUBAF) and carries a total of 30 ECTS Credits.
Chemical Technologies in Environmental Protection (2 ECTS Credits)	Process Intensification (5 ECTS Credits)	Training in Endurance and Design (6 ECTS Credits)	
Handling of Processing and Biodegradable Wastes (3 ECTS Credits)	Knowledge Discovery and Process Data Analysis (5 ECTS Credits)	Conception of Process Equipment (3 ECTS Credits)	
Analytical Chemistry (4 ECTS Credits)	Business start-ups and Venture Formation (6 ECTS Credits)	Discrete Element Method (4 ECTS Credits)	
Soil- and Water Chemistry (4 ECTS Credits)	Academic Entrepreneurship (6 ECTS Credits)	Maintenance Engineering (3 ECTS Credits)	
Waste Incineration, Air Quality Control (4 ECTS Credits)	Industrial Project Management* (3 ECTS Credits)	Sustainable Engineering (4 ECTS Credits)	
Water and Waste Water Treatment (2 ECTS Credits)	Manufacturing Processes for Recyclable Products* (5 ECTS Credits)	Project – Process Design Mineral Processing/Recycling (8 ECTS Credits)	
Basics of Environmental Processing (2 ECTS Credits)	Simulation, Laboratory Course* (5 ECTS Credits)		
Basics of Waste Management (3 ECTS Credits)	Advanced Course in Life Cycle Assessment* (7 ECTS Credits)		
Ecology and Nature Protection (3 ECTS Credits)			
Environmental and Waste Management Law (2 ECTS Credits)	* Elective modules Please visit www.enter-study.eu for detailed course descriptions.		

THE INTERNATIONAL JOINT STUDY PROGRAMME

Diploma	Triple degree diploma: <ul style="list-style-type: none"> ME "Master of Science" (Környezetmérnöki mesterképzési szak) LUT University "Master of Science in Technology" TUBAF "Master of Science" in Mechanical and Process Engineering
Credits	125 ECTS, 2 years
Language	English
Starts in	September
Application Requirements	<ul style="list-style-type: none"> 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 English language certificate (can be submitted after the accepted application, no later than Oct. 15) <ul style="list-style-type: none"> TOEFL: 80 (90) for internet-based test or 550 for paper-based test; IELTS: 6.0 (6.5); PTE Academic: 54; Cambridge English Qualifications – C1 Advanced or C2 Proficiency: C APTIS Advanced: CEFR level B2 Additional application documents may be required upon request. Please submit your application directly to the Programme Coordinator at your University.
Scholarships	<ul style="list-style-type: none"> Upon application: For up to 11 months' study-abroad periods respectively in Finland and in Germany, students can apply for the following scholarships: Erasmus+ scholarship: in consultation with your home university OR EIT scholarship: 4,200 € per student (382 per month)
Fees	All enrolment fees will be covered by the programme.
Admission Documents at LUT University and TUBAF	<ul style="list-style-type: none"> "Application for Admission" at TUBAF (Guidance for filling out the application form can be found here); Certified copies of the Bachelor degree certificate and Transcripts of Records; Certified translations of the above certificates into English; Proof of English language proficiency according to application requirements; Certificate of enrolment for the Master study programme at University of Sarajevo (if necessary, certified translation of the certificate into English); Up-to-date passport photo; Motivation letter (maximum one page); If available, proof of professional training or work experience, internships or similar activities relevant to the study programme. <p>Please submit complete documents to the Programme Coordinator at ME no later than Oct. 15. Further information can be found at www.enter-study.eu.</p>

ADDITIONAL INFORMATION FOR YOUR STUDY-ABROAD PERIODS

	Lappeenranta, Finland	Freiberg, Germany
Visa and Residence Permit	As a citizen of an EU Member State, you need to register your right of residence at the Finnish Immigration Service as you will stay in Finland for more than three months. Further details about the registration process can be found here .	<ul style="list-style-type: none"> For EU citizens, no residence permit is required. Upon arrival, you only need to register with the local residents' registration office. Documents required a passport or personal identification card; a housing confirmation and proof of financial resources. Further details can be found here.
Health Insurance	Everyone who studies in Finland and Germany must have health insurance. If you are insured by or covered by a state social security system (a public health insurance provider) in Hungary, you can apply for the European Health Insurance Card (EHIC), which is also recognised in Finland and Germany. Otherwise you should take out a private insurance.	
	Further details about health insurance in Finland can be found here .	Further details about health insurance in Germany can be found here .
Housing	Accommodation is arranged by Lappeenranta Student Housing Foundation. Further details can be found here .	<ul style="list-style-type: none"> Student dormitories provided by the Student Services Office (Studentenwerk Freiberg) Other possibilities
Cost of Living	About 700 € per month (about 350 € for monthly rent and utilities). Further details can be found here .	450 – 550 € per month, including: Rent and utilities: 170 – 280 € Food and clothing: 170 – 220 € Phone, internet and TV: 35 – 50 €
Services for Students	Additional services for students at LUT University can be found here .	Additional services for students at TU Freiberg can be found here .

FURTHER CONTACTS

Programme Coordinator:

Prof. Dr. Ferenc Madai

E-Mail: askmf@uni-miskolc.hu

TU Freiberg Coordinator:

Mrs. Juliane Schneider

E-Mail: juliane.schneider@eit.tu-freiberg.de

LUT University Coordinator:

Mrs. Dr. Ritva Tuunila

E-Mail: Ritva.Tuunila@lut.fi

