



Dear Students,

Welcome to the University of Miskolc. On behalf of the Faculty of Mechanical Engineering and Informatics, I would like to congratulate for gaining your admittance and express our sincere hope that your stay here will be a pleasant and rewarding period. We will do our best to provide you with a stimulating environment to attain the desired scientific knowledge and earn a valuable degree with great success. Now you have access to all sources available to your education, and the opportunity to participate at research projects.

In exchange, all students – with no regards to their nationality – must respect certain rules. These regulations for students of the University of Miskolc can be found at the following link:

<https://en.uni-miskolc.hu/academic-administrative-procedures>

Dean's welcome - About the Faculty of Mechanical Engineering and Informatics

The Faculty of Mechanical Engineering and Informatics of the University of Miskolc has come a long way since its foundation in 1949. Due to the challenges of the last seven decades or so, the Faculty has gone through internal development, the result of which is a modern engineering faculty of multidisciplinary nature. It involves, merges and integrates the disciplines of mechanical engineering, informatics and electrical engineering, both in its teaching and in its research, and is able to meet the current challenges of industrial modernisation as well.

The more than 70-year history of the Faculty of Mechanical Engineering and Informatics shows the milestones that have led to a technical faculty combining engineering and informatics knowledge and capable of meeting the demands of industry and economy in a versatile way.

With the emergence of artificial intelligence, the global world is on the verge of a new stage of technological and social development. Looking at the trends of the future economy, the knowledge combining cross-disciplinary collaboration and based on sustainability and adaptation will be clearly upscaled and valued. The Faculty of Mechanical Engineering and Informatics at the University of Miskolc is well prepared to keep up with the fourth industrial revolution of today that is based on the convergence of digitalisation and practical knowledge with its capability in the field of education, research, scientific and innovative actions. By continuously updating its teaching and research profile, the faculty is committed to participate in the competition with its innovative industrial partners that shapes the technological evolution based on the knowledge of several research fields, disciplines, and specialisations.

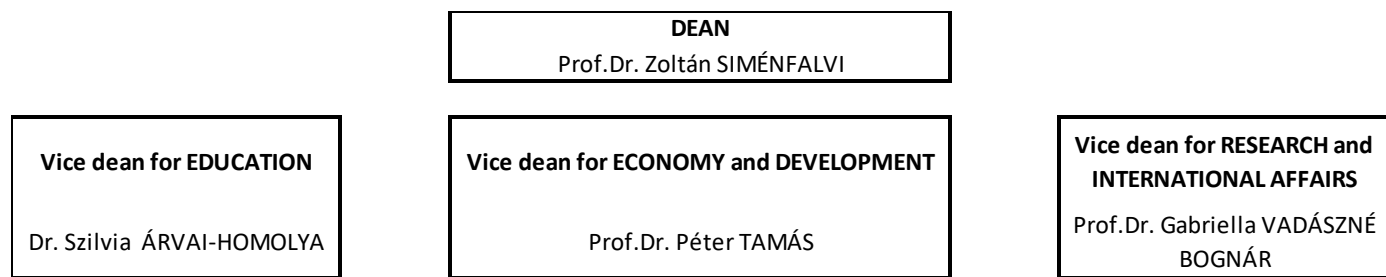
We believe that with our work we contribute to the evolution of engineering sciences that goes beyond training of skilled professionals, the results of national and international research proposals and industrial work, in which the Faculty of Mechanical Engineering and Informatics of the University of Miskolc leads the way.

The Faculty of Mechanical Engineering and Informatics has always given the best answers to the challenges of times. It mostly depends on us whether, by uniting the inner and outer forces that influence the future of the faculty, we can continue to navigate the ship of the largest faculty of the University of Miskolc in the right direction.

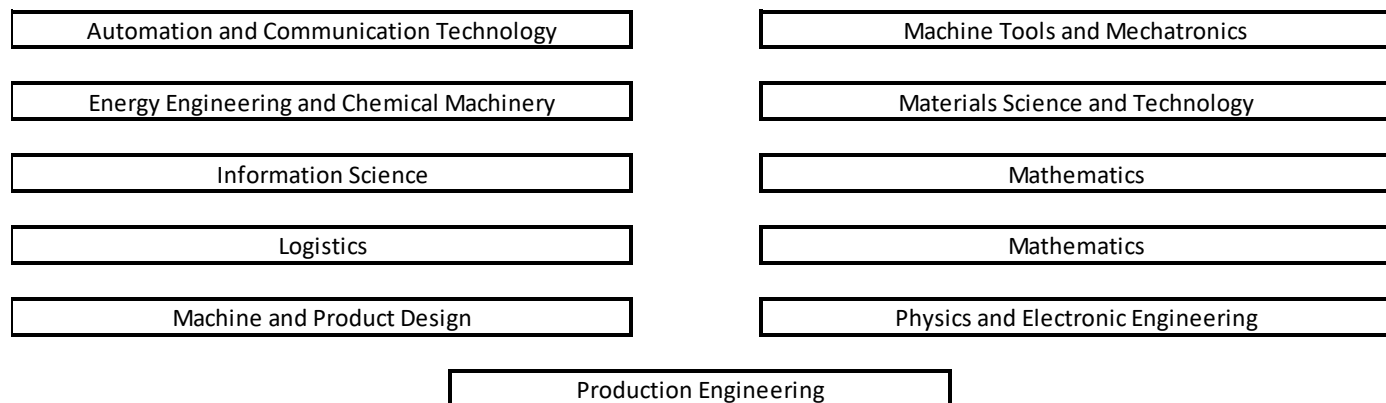


Dr. Zoltán SIMÉNFALVI, Dean

Faculty structure:



INSTITUTES:



Contact person – first contact strictly by e-mail:

Contact:

Dr. Katalin VOITH

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office: A/3 building, 2nd floor, room no. 216

Study programs:

BSc in Computer Science Engineering

Computer Science Engineering BSc

	Subject name and Neptun Code	Institute of	1st sem. Fall	2nd sem. Spring	3rd sem. Fall	4th sem. Spring	5th sem. Fall	6th sem. Spring	7th sem. Fall	cr.	
Natural Science	Mathematical Analysis I.	Mathematics	3 + 2							5	exam
	Linear Algebra and Discrete Mathematics	Mathematics	3 + 2							6	exam
	Mathematical Analysis II.	Mathematics		3 + 2						5	term mark
	Discrete Mathematics	Mathematics		2 + 2						5	term mark
	Data Structures and Algorithms	Mathematics		2 + 2						5	exam
	Introduction into Physics	Physics and Electronic Engineering		2 + 2						5	exam
	Probability Theory and Statistics	Mathematics			2 + 2					5	exam
	Introduction into CAD Systems	Mathematics			2 + 2					5	exam
	Modern Physics	Physics and Electronic Engineering			2 + 2					2	exam
	Economics and Social Science	Operations Management	Fac. of Economics	2 + 3							3
Integrated ERP Systems		Information Science			2 + 2					5	exam
Management and Organization		Fac. of Economics					2 + 2			5	exam
Resource Planning		Information Science					2 + 2			5	exam
Professional Subjects	Fundamentals of Programming	Information Science	3 + 2							6	exam
	Computer Architectures	Information Science	2 + 2							5	exam
	Object Oriented Programming	Information Science		2 + 2						5	exam
	Operating Systems	Information Science		2 + 2						5	exam
	Database Systems I.	Information Science			2 + 2					5	exam
	Computer Networks	Information Science			2 + 2					5	exam
	Software Technology	Information Science			2 + 2					5	exam
	Digital Systems	Automation and Communication Technology			2 + 2					5	exam
	Security in Computer Systems	Information Science				2 + 2				5	exam
	Database Systems II.	Information Science				2 + 2				5	exam
	Software Technology Lab	Information Science				1 + 3				5	term mark
	Web Technologies Foundation	Information Science				1 + 2				3	term mark
	Java Programming	Information Science				2 + 2				5	exam
	Introduction into Artificial Intelligence	Information Science					2 + 2			5	exam
	Electrotechnics-Electronics	Physics and Electronic Engineering					2 + 2			5	exam
	Graphics Programming	Information Science					2 + 2			5	term mark
	Mobile Phone Programming	Information Science					2 + 2			5	exam
	Design of Industrial IT Systems	Information Science						2 + 2		5	exam
	Advanced IT Technologies /SW Testing	Information Science						2 + 2		5	exam
	Windows Operating Systems	Information Science							2 + 2	5	exam
Web Technologies Specialization	Technical Communication	Information Science	2 + 2							5	exam
	Web Technologies - Client side	Information Science					2 + 2			5	exam
	Data Management in Web Applications	Information Science					2 + 2			5	term mark
	Web Technologies - Server Components	Information Science						2 + 2		5	exam
	Development of Distributed Web Applications	Information Science							2 + 2	5	term mark
Degree Thesis									15	term mark	
Physical education 1			0 + 2						0	signature	
Physical education 2				0 + 2					0	signature	
Summer Internship*											term mark
optional 1	Optional by the program							2 + 2		5	exam
e.g.	Advanced Java	Information Science									
	Embedded Systems	Automation and Communication Technology									
optional 2	Common knowledge optional from the institutional curriculum								2 + 2	5	exam
cr/sem.			30	30	37	23	30	30	30	210	

*Obligatory: minimum of 8 weeks, preferably after the 2nd semester

https://geik.uni-miskolc.hu/Comp_Sci_Eng_BSc

BSc in Mechanical Engineering

Mechanical Engineering BSc

Subject name and Neptun Code		Institute of	1st sem. Fall	2nd sem. Spring	3rd sem. Fall	4th sem. Spring	5th sem. Fall	6th sem. Spring	7th sem. Fall	cr.	exam	
Natural Science	Analysis I.	Mathematics	2+2							5	exam	
	Linear Algebra	Mathematics	2+2							5	exam	
	Engineering Chemistry	Fac. of Mat. & Chem. Eng.	2+1							3	term mark	
	Analysis II.	Mathematics		2+2						5	term mark	
	General Physics I.	Physics and Electronic		2+2						4	exam	
	Engineering Thermodynamics	Energy Engineering and Chemical Machinery			2+1					3	exam	
	Statics	Mechanics		2+2						5	exam	
	General Physics II.	Physics and Electronic				2+1				3	exam	
	Engineering Fluid Mechanics	Energy Engineering and Chemical Machinery				2+1				3	exam	
	Numerical Methods	Mathematics				2+2				4	exam	
	Mechanics of Materials	Mechanics				2+2				5	exam	
	Dynamics	Mechanics					2+2			5	exam	
	Quality Management	Production Engineering						2+0		3	exam	
	Lean Logistics	Logistics							2+2	4	term mark	
Management and Organization	Fac. of Economics							2+2	5	exam		
Operations Management	Fac. of Economics								2+0	2	exam	
Professional Subjects	Descriptive Geometry	Mathematics	2+2							4	exam	
	Fundamentals of Machine Elements	Machine and Product Design	2+2							4	exam	
	Computer Studies	Information Science	2+2							4	term mark	
	Structural Materials I.	Materials Science and Technology	2+2							5	exam	
	Mechanical Drawing	Machine and Product Design		2+2						4	exam	
	Information Technology for Engineers	Information Science		2+2						4	exam	
	Structural Materials II.	Materials Science and Technology		2+2						5	exam	
	Material Technologies	Materials Science and Technology			2+3					5	exam	
	Machine Elements I.	Machine and Product Design			2+2					5	exam	
	Manufacturing Technology	Production Engineering			2+2					5	exam	
	Fluid Machinery	Energy Engineering and Chemical Machinery				2+2				5	exam	
	Machine Elements II.	Machine and Product Design				2+2				5	exam	
	Industrial Machining	Production Engineering				2+2				4	exam	
	Machine Tools	Machine Tools and Mechatronics				2+2				4	exam	
	Chemical Technologies and Equipment	Energy Engineering and Chemical Machinery				2+2				4	exam	
	Fundamentals of CAD	Mathematics				1+2				3	term mark	
	Electrotechnics-Electronics	Physics and Electronic Engineering						2+2		4	exam	
	Mechatronics, Hydraulics-Pneumatics	Machine Tools and Mechatronics						2+2		3	term mark	
	Automation	Automation and Communication Technology							2+2	4	exam	
	Mechanical Engineering Specialization	Welding and Related Technologies	Materials Science and Technology					2+2			4	exam
		Quality Inspection in Machining Industry	Production Engineering					2+2			4	term mark
		Technology Planning	Production Engineering					2+2			4	exam
Measuring of Machines		Logistics						2+2		5	exam	
Heat Treatment and Surface Technologies		Materials Science and Technology						2+2		5	exam	
Noise Protection		Machine and Product Design						2+2		5	exam	
Design Knowledge		Machine and Product Design						0+2		2	term mark	
Hydraulic and Pneumatic Systems		Machine Tools and Mechatronics							2+2	3	term mark	
Finite element applications of machine structures		Machine and Product Design							2+2	4	exam	
Safety Engineering in Chemical Industries		Energy Engineering and Chemical Machinery							2+2	4	term mark	
Machine Manufacturing Technology Specialization		Cutting Theory	Production Engineering					2+2			4	exam
	Quality Inspection in Machining Industry	Production Engineering					2+2			4	term mark	
	Technology Planning	Production Engineering					2+2			4	exam	
	CAD Systems	Machine Tools and Mechatronics						2+2		5	term mark	
	CNC Technology	Production Engineering						2+2		5	term mark	
	Machine Industrial Assembly	Production Engineering						2+2		5	exam	
	Production Technology of Typical Parts	Production Engineering						0+2		2	term mark	
	Material Technologies in Manufacturing Processes	Materials Science and Technology							2+2	3	exam	
	Production Processes and systems	Production Engineering							2+2	4	exam	
	Design of Tools and Fixtures	Production Engineering							2+2	4	term mark	
	Machine Design Specialization	Methods of Mechanical Engineering Design	Machine and Product Design					2+2			4	exam
		Nonmetallic Materials and Technologies	Materials Science and Technology					2+2			4	exam
		Computer Aided Design	Machine and Product Design					2+2			4	term mark
CNC Machine Tools		Machine Tools and Mechatronics						2+2		5	exam	
Prototyping and Machine Building Techniques		Machine and Product Design						0+4		5	exam	
Noise Protection		Machine and Product Design						2+2		5	exam	
Design Knowledge		Machine and Product Design						0+2		2	term mark	
Bearings		Machine and Product Design							2+2	3	exam	
Finite element applications of machine structures		Machine and Product Design							2+2	4	exam	
Fundamentals of Tribology		Machine and Product Design							2+2	4	exam	
Design of Machine Tools	Design of Machine Tools	Machine Tools and Mechatronics					2+2			4	exam	
	Tribology	Machine and Product Design					2+2			4	exam	
	Theory of Design	Machine Tools and Mechatronics					2+2			4	exam	
	Single Purpose Machines and its Designing	Machine Tools and Mechatronics						2+2		5	term mark	
	Programming of CNC Machine Tools	Machine Tools and Mechatronics						2+2		5	exam	
	Measuring of Machines	Machine Tools and Mechatronics						2+2		5	exam	
	Design Projects	Machine Tools and Mechatronics						0+2		2	term mark	
	Metal-Forming Machine Tools	Machine Tools and Mechatronics							2+2	3	term mark	
	Hydraulic and Pneumatic Systems	Machine Tools and Mechatronics							2+2	4	term mark	
	Special and Precision Manufacturing Technologies	Production Engineering							2+2	4	term mark	
	Physical education 1			0+2						0	signature	
Physical education 2				0+2					0	signature		
Summer Internship*										term mark		
Degree Thesis								0+8	15	term mark		
optional 1	Optional						2+2		5	term mark		
optional 2	Optional							2+0	2	exam		
optional 3	Optional								3	exam		
cr/sem.			30	30	30	30	30	30	30	210		

*Obligatory; minimum of 6 weeks, preferably after the 2nd semester

https://geik.uni-miskolc.hu/Mech_Eng_BSc

BSc in Logistics Engineering

Logistics Engineering BSc

	Subject name and Negtun Code	Institute of	1st sem. Fall	2nd sem. Spring	3rd sem. Fall	4th sem. Spring	5th sem. Fall	6th sem. Spring	7th sem. Fall	cr.	exam
Natural Science	Linear Algebra	Mathematics	2+2							5	exam
	Mathematics in Logistics I.	Mathematics	2+2							6	exam
	Technical Chemistry	Fac. of Mat. & Chem. Eng.	2+1							3	term mark
	Fundamentals of Physics	Physics and Electronic Engineering		2+1						3	exam
	Mathematics in Logistics II.	Mathematics		2+2						5	term mark
	Statics	Mechanics		2+2						5	exam
	Electrotechnics-Electronics	Physics and Electronic Engineering			2+2					5	exam
	Mechanics of Materials	Mechanics			2+2					5	exam
	Dynamics	Mechanics				2+2				5	term mark
Economics and Social Science	Occupational Health and Safety in Logistics	Logistics		2+0						2	term mark
	Basics of Economics	Fac. of Economics			1+1					2	exam
	Cost Analysis of Logistics Processes	Fac. of Economics				2+2				4	exam
	Accounting	Fac. of Economics					2+2			4	exam
	Performance Management	Fac. of Economics					2+0			2	exam
	Operation of Corporate Management Systems	Fac. of Economics						2+2		4	term mark
	Organization-Management	Fac. of Economics						2+2		3	exam
	Rules of Logistics Processes	Fac. of Law							2+0	1	exam
	Professional Subjects	Material Science and Testing	Materials Science and Technology	2+2							4
Fundamentals of Machine Elements		Machine and Product Design	2+2							4	exam
Basics of Technical Description		Mathematics	2+2							4	exam
Computer Studies		Information Science	2+2							4	term mark
Vehicle Components		Machine and Product Design		2+2						5	exam
Mechanical Technologies		Materials Science and Technology		2+2						4	exam
Technical Logistics		Logistics		3+2						6	exam
Material Handling Machines		Logistics			2+2					4	exam
Basics of Manufacturing Technologies		Production Engineering			2+2					5	exam
Simulation Modelling of Logistics Processes		Logistics			2+2					5	term mark
Logistics Systems		Logistics			2+2					4	term mark
Fluid Transport Systems and Machines		Energy Engineering and Chemical Machinery				2+2				5	exam
Basics of Process Development		Logistics				2+2				5	term mark
Control Engineering		Automation and Communication Technology				2+2				5	exam
Transportation Systems		Logistics				3+2				6	exam
Quality Assurance in Logistics		Logistics					2+2			6	exam
International Logistics		Logistics					2+2			5	exam
Service Logistics		Logistics					2+0			3	term mark
Reverse Logistics		Logistics						2+0		3	term mark
Service Process Engineer Specialization	Integrated Enterprise Systems	Information Science					2+2			5	exam
	Service Logistics Systems	Logistics					2+2			5	exam
	Planning of Logistics Services	Logistics						2+2		5	exam
	Optimization of Logistics Processes	Logistics						2+2		6	exam
	Maintenance Logistics	Logistics						2+1		3	term mark
	Logistics Projects	Logistics						0+1		2	term mark
	Warehouse Logistics	Logistics							2+2	4	exam
	International Trade	Fac. of Economics							2+0	2	exam
	Degree Thesis	Logistics							0+8	15	term mark
Production Process Engineer Specialization	Integrated Enterprise Systems	Information Science					2+2			5	exam
	Production Logistics Systems	Logistics					2+2			5	exam
	Design of Production Logistics Systems	Logistics						2+2		5	exam
	Optimization of Logistics Processes	Logistics						2+2		6	exam
	Mechatronics in Logistics	Logistics						2+1		3	term mark
	Logistics Projects	Logistics						0+1		2	term mark
	Warehousing Processes and Inventory Management	Logistics							2+2	4	exam
	International Trade	Fac. of Economics							2+0	2	exam
Degree Thesis	Logistics							0+8	15	term mark	
Summer Internship*	Physical education 1		0+2	0+2						0	signature
	Physical education 2									0	signature
optional 1	Optional by the specialization						2+2			4	term mark
optional 2	Optional by the specialization								2+2	4	exam
optional 3	Common knowledge optional from the institutional curriculum								2+0	2	exam
optional 4	Common knowledge optional from the institutional curriculum								2+0	2	exam
cr/sem.			30	30	30	30	30	30	30	210	

*Obligatory: minimum of 6 weeks, preferably after the 2nd semester

https://geik.uni-miskolc.hu/Log_Eng_BSc

MSc in Computer Science Engineering

Computer Science Engineering MSc

	Subject name and Neptun code	Institute of	1st sem. Fall	2nd sem. Spring	3rd sem. Fall	4th sem. Spring	cr.	
Natural Science 25-30 cr.	1. Discrete Mathematics and Applications (GEMAN383-Ma)	Mathematics	2 + 2				5	exam
	2. Numerical Methods and Optimization (GEMAK116-Ma)	Mathematics	2 + 2				5	exam
	3. Information Theory and Cryptography (GEMAK126-Ma)	Mathematics		2 + 2			5	term mark
	4. Enterprise Application Integration (GEIAK682-Ma)	Information Science		2 + 2			5	exam
	5. Theory of Error-Correcting Codes (GEMAN533-Ma)	Mathematics		2 + 2			5	exam
Economics and Social Science 10-20 cr.	1. Environmental Management (GEVGT301-Ma)	Energy Engineering and Chemical Machinery	2 + 1				5	term mark
	2. Project Management (GTVSM7003M) or Innovation Management for Engineers (MAKMK530N)	Fac. of Economics or Fac. of Mat. Sci. & Eng.	2 + 1				5	term mark
Professional Subjects 10-30 cr.	1. Architectures and Embedded Systems (GEVAU218-Ma)	Automation and Communication Technology	2 + 2				5	term mark
	2. Operation Systems and Networks (GEIAL501-Ma)	Information Science	2 + 2				5	exam
	3. Modern Database Systems (GEIAL521-Ma)	Information Science		2 + 2			5	exam
	4. Geometric Modelling and its applications (GEAGT232-Ma)	Mathematics		2 + 2			5	exam
	5. Software Engineering (GEIAL511-Ma)	Information Science		2 + 2			5	term mark
Specialization 10-30 cr.	1. Development of Distributed Systems (GEIAL519-Ma)	Information Science			2 + 2		5	exam
	2. Integrated Software Systems and Testing (GEIAL51C-Ma)	Information Science				2 + 2	5	exam
	3. Data Analysis and Data Mining (GEIAL526-Ma)	Information Science			2 + 2		5	term mark
	4. Software System Security (GEIAK647-Ma)	Information Science				2 + 2	4	term mark
	5. Mobile and IoT Application Development (GEIAL51D-Ma) or Applied Machine Learning (GEIAK631-Ma)	Information Science				2 + 2	4	exam
Summer Internship*	Summer Internship (GEIAL533-Ma)	Information Science			*		0	term mark
Thesis work I Thesis work II 30 cr.	Thesis work I (GEIAL535-Ma)	Information Science			0 + 10		15	term mark
	Thesis work II (GEIAL536-Ma)	Information Science				0 + 10	15	term mark
optional 1 (e.g. Physical Basis of Information Technology)						2 + 0	2	term mark
optional 2 (Technical English)					2 + 2		5	term mark
cr/sem.			30	30	30	30	120	

* Summer Internship (0 cr.) - Obligatory: minimum of 4 weeks, preferably after the 2nd semester

<https://geik.uni-miskolc.hu/Computer%20Science%20MSc>

MSc in Mechanical Engineering (with CAD/CAM specialization)

Mechanical Engineering MSc with CAD/CAM specialization

	Subject name and Neptun Code	Institute of	1st sem. Fall	2nd sem. Spring	3rd sem. Fall	4th sem. Spring	cr.	
Natural Science 25-30 cr.	1. Probability Theory & Mathematical Statistics (GEMAK629-Ma)	Mathematics	2 + 2				5	exam
	2. Mechanical Vibrations (GEMET101-Ma)	Mathematics	2 + 2				5	exam
	3. Differential Equations (GEMAN500-Ma)	Mathematics		2 + 2			5	term mark
	4. Materials Science (GEMTT001-Ma)	Materials Science and Technology		2 + 2			5	exam
	5. Engineering fluid mechanics and heat transfer (GEAHT001-Ma)	Energy Engineering and Chemical Machinery			2 + 2		5	exam
Economics and Social Science 10-20 cr.	1. Environmental Management (GEVGT301-Ma)	Energy Engineering and Chemical Machinery	2 + 1				5	term mark
	2. Project Management (GTVSM7003M) or Innovation Management for Engineers (MAKMKT530N)	Fac. of Economics or Fac. of Mat. Sci. & Eng.			2 + 1		5	term mark
Professional Subjects 10-30 cr.	1. Advanced Materials Processing (GEMTT002-Ma)	Materials Science and Technology	2 + 2				5	term mark
	2. Automated Machine Tools (GESGT001-Ma)	Machine Tools and Mechatronics	2 + 2				5	exam
	3. Machine Structures and Design (GEGET501-Ma)	Machine and Product Design		2 + 2			5	exam
	4. Manufacturing Processes and Systems (GEGTT800-Ma)	Production Engineering		2 + 2			5	exam
	5. Measurement, Signal Processing and Electronics (GEVEE201-Ma)	Physics and Electronic Engineering				2 + 2	5	term mark
CAD/CAM Specialization 10-30 cr.	1. iCAD Systems 1 (GESGT002-Ma)	Machine Tools and Mechatronics	2 + 2				5	exam
	2. iCAD Systems 2 (GEMTT071-Ma)	Materials Science and Technology		2 + 2			5	exam
	3. Methodical Design (GESGT003-Ma)	Machine Tools and Mechatronics			2 + 2		5	term mark
	4. Computer Aided Process Planning (GEMTT114-Ma)	Materials Science and Technology				2 + 2	4	term mark
	5. NC programming (GESGT004-Ma)	Machine Tools and Mechatronics				2 + 2	5	exam
Summer Internship*	Summer Internship (GESGT007-Ma or GEMTT150-Ma)	Machine Tools and Mechatronics or Materials Science and Technology			*		0	term mark
Thesis work 30 cr.	Thesis work I (GESGT008-Ma or GEMTT145-Ma)	Machine Tools and Mechatronics or Materials Science and Technology			0 + 10		15	term mark
	Thesis work II (GESGT009-Ma or GEMTT146-Ma)	Machine Tools and Mechatronics or Materials Science and Technology				0 + 10	15	
optional 1						2 + 0	1	term mark
optional 2	Hydraulic Units and Systems (GESGT005-Ma) OR Simulation of Manufacturing Devices (GESGT006-Ma) OR Materials Selection (GEMTT074-Ma)	Machine Tools and Mechatronics or Materials Science and Technology			2 + 2		5	term mark
cr/sem.			30	30	30	30	120	

*Obligatory: minimum of 4 weeks, preferably after the 2nd semester

<https://geik.uni-miskolc.hu/Mechanical%20Engineering%20MSc>

MSc in Logistics Engineering

Courses	NEPTUN ID	PRE-REQUISITE (if any)	1. semester				2. semester				3. semester				4. semester			
			LECTURE	PRACTICAL COURSE	CREDIT	REQUIREMENTS*	LECTURE	PRACTICAL COURSE	CREDIT	REQUIREMENTS*	LECTURE	PRACTICAL COURSE	CREDIT	REQUIREMENTS*	LECTURE	PRACTICAL COURSE	CREDIT	REQUIREMENTS*
CORE COURSES																		
Numerical Methods and Optimization	GEMAK116-Ma	no	2	2	5	s e												
Modern Information Technologies	GEIAL551-Ma	no	2	2	5	s e												
Environmental Management	GEVGT301-Ma	no	2	1	5	s m												
Intelligent Material Handling Machines and System	GEALT176-Ma	no	2	2	5	s m												
Industrial Automation	GEVAU303-Ma	no	2	2	5	s e												
System Engineering and System Modeling	GEGET335-Ma	no					2	2	5	s m								
Data Structures and Algorithm	GEMAK117-Ma	no					2	2	5	s e								
Introduction into Datamining	GEIAL529-Ma	no					2	2	5	s e								
Design of Material Handling Systems and Warehouses	GEALT177-Ma	no					2	2	5	s e								
Simulation Examination of Logistics Systems	GEALT178-Ma	no					2	2	5	s m								
Projectmanagement	GTVSM7004Ma	no									2	1	5	s m				
Quality Management of Logistics Systems	GEALT179-Ma	no													2	2	5	s m
SPECIALIZATION COURSES																		
Industry 4.0 and Logistics	GEALT173-Ma	no	2	2	5	s m												
Mechatronics in Logistics	GEALT196-Ma	no					2	2	5	s e								
Standard Solutions in Logistics Networks	GEALT182-Ma	no									2	2	5	s e				
Industry 4.0 Information Systems	GEIAL550-Ma	no													2	2	5	s e
Modeling and Simulation of Transport Systems	GEALT197-Ma	no													2	2	4	s m
OPTIONAL COURSES																		
Optional subject 1		no									2	2	5	s m				
Optional subject 2		no													2	0	1	s m
DISSERTATION/THESIS WORK																		
Degree project A	GEALDTA-ML_IpF-Ma	no									0	10	15	s m				
Degree project B	GEALDTB-ML_IpF-Ma	no													0	10	15	s m
OTHER/SPECIAL COURSES																		
Professional Practice (4 week)		no											0	s r				

*Requirements: (e)exam/ (m) practical mark/ (s)signature / (r) report/essay

<https://geik.uni-miskolc.hu/LOGISTICS%20MSC>

In connection with the Academic Requirement, every student has to do a summer internship at a production plant or research institute in connection with their specialization. This internship is organized with the help of the institute of the actual specialization.

Only students who succeeded in all educational requirements, collected at least 120 credits and submitted an accepted diploma work, can apply for the final examination.

As the Hungarian students, you also have the possibility to do Scientific Students' Associations Conference (TDK) papers and lectures. The Conference is organized in the fall semester.

https://geik.uni-miskolc.hu/TDK_Scientific%20Students%20Conference

Schedule of Fall Semester of 2024:

Fall Semester of 2024	
Date	Event
2 Sept 2024 (4PM) - 6 Sept 2024	Registration period in Neptun
9 Sept 2024 - 13 Dec 2024	Study period (lectures, practical courses)
9 - 13 Dec 2024	Pre examination period
16 Dec 2024 - 20 Dec 2024 2 Jan 2025 - 31 Jan 2025	Examination - and CV (only exam) examination - period
22 Nov 2024	Deadline of Submission of Diploma Thesis
13 - 17 Jan 2025	Final Exam periode of MSc students
30 Jan 2025 or 31 Jan 2025	Graduation Ceremony
10 Febr 2025	Beginning of Spring Semester
Holiday and breaks	
18 Sept 2024	Sports day - no lectures
17-18 Oct 2024	Dean's holiday (75 th anniversary of the faculty)
23 Oct 2024	National Holiday
24-29 Oct 2024	Rector's holiday (no lectures)
1 Nov 2024	Public Holiday
21 Dec 2024 - 1 Jan 2025	Christmas and New Year break

Time tables are available on the following links from 30 August, 2024:

BSc in Mechanical Engineering: https://geik.uni-miskolc.hu/Mech_Eng_BSc

BSc in Computer Science Engineering: https://geik.uni-miskolc.hu/Comp_Sci_Eng_BSc

BSc in Logistics Engineering: https://geik.uni-miskolc.hu/Log_Eng_BSc

MSc in Mechanical Engineering: <https://geik.uni-miskolc.hu/Mechanical%20Engineering%20MSc>

MSc in Computer Science Engineering: <https://geik.uni-miskolc.hu/Computer%20Science%20MSc>

MSc in Logistics Engineering: <https://geik.uni-miskolc.hu/LOGISTICS%20MSC>

or: <https://orarend.uni-miskolc.hu/>

Most important tasks of all students:

REGISTRATION:

- Registration for the semester in the Neptun system
- Sign up for the required courses in the Neptun system

STUDY:

- Personal or online presence from the beginning of each semester (cannot be late without prior explicit approval)
- Attend the lectures and courses
- Fulfillment of the requirements of each subject

EXAM:

You get the signature automatically if you fulfilled the requirement during the study period. If you failed to get the signature you get maximum 3 opportunities: the first one is free of charge, the 2nd time you need our Dean's permission (maximum one per semester) and pay in total 6.500 HUF. For the last, 3rd time you need the Rector's permission (maximum 2 during the whole study program) and it costs also 6.500 HUF.

The fees must be paid through the Neptun system.

The rules and procedures to get a valid practical mark after failing by the end of the study period is the same as above to get a signature.

First exam is free of charge. A successful examination grade can be improved - if all other conditions are met - before the start of the final examination at the latest – free of charge -, however the mark of this exam will be valid even if it is worse than the original one.

According to the Stipendium Hungaricum Programme Operational Regulations

(<http://studyinhungary.hu/static/upload/stipendium-hungaricum/20180404-sh-szabalyzat-angol-hatalyos.pdf>;

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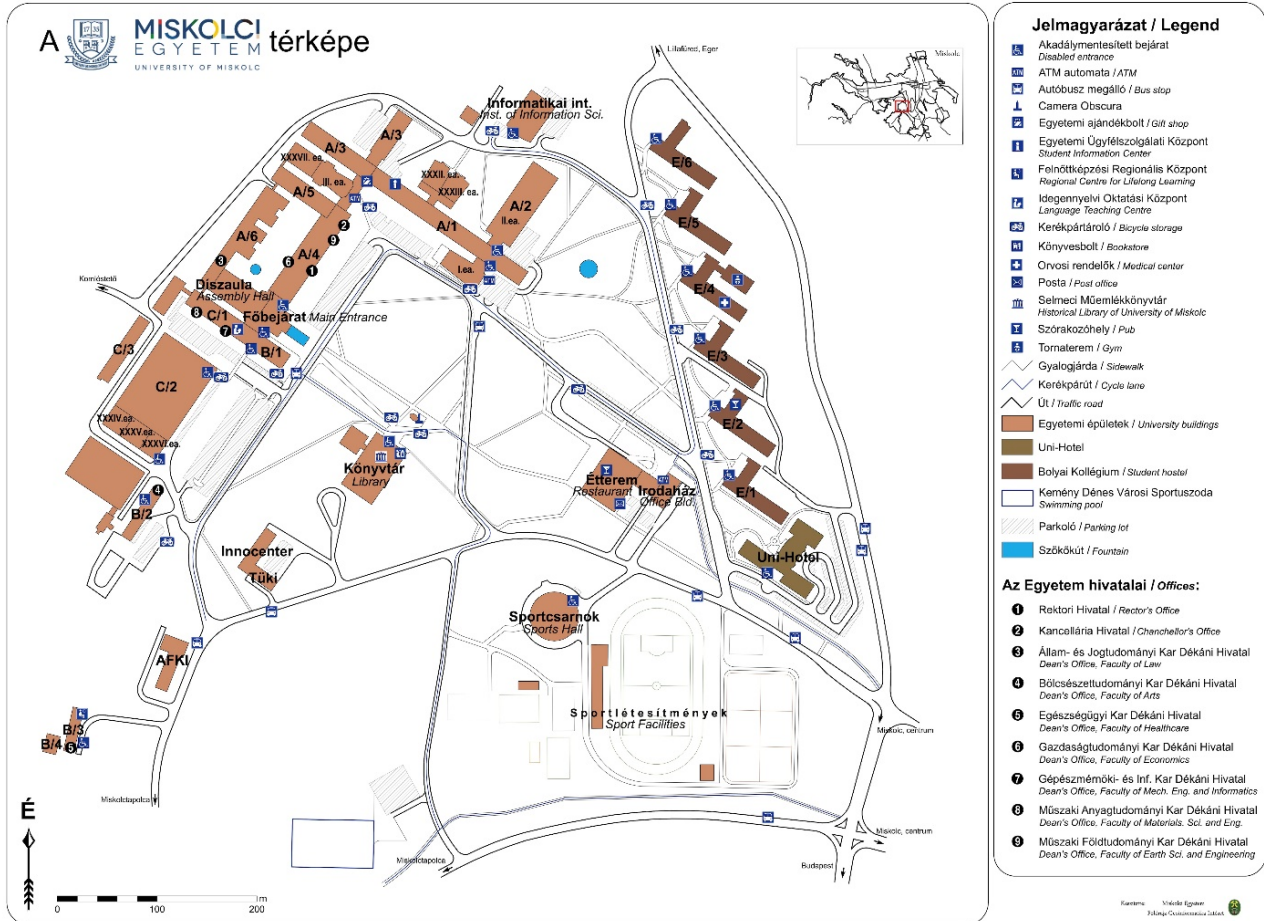
extension://efaidnbmnnnibpcajpcgclefindmkaj/https://stipendiumhungaricum.hu/uploads/2020/03/SH_MSZ_210730_honlap_EN.pdf):

II.3. Further Obligations of the Scholarship Holders

“5. The scholarship holder is required to stay habitually in Hungary during the training period as follows:.....”

Announce to: Katalin GERGELY Csiréné; rekkgkata@uni-miskolc.hu, A4 building, room no. 113.

Map of the campus



We wish you all a pleasant and very successful stay at the University of Miskolc.