

BME Graduates' Yearbook

Academic Year 2023-2024

Volume 2



Study in the European Union



Study at BME!

*Your future career begins
at the Budapest University
of Technology and Economics*



Budapest University of Technology and Economics Graduates' Yearbook

Academic Year 2023-2024

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Farewell message



from
the Rector

Dear Graduate Students!

I warmly welcome you upon receiving the diploma from the Budapest University of Technology and Economics.

This diploma will be an excellent passport and letter of recommendation for you, whether you plan to pursue an academic career or continue your path as a player and shaper of your profession.

As I greet you, I remember when I arrived in Hungary 38 years ago, in a world that was utterly unknown and without a suitcase, because it was lost on my arrival.

Even without a suitcase and despite the adventurous start, I still remember coming here to study, learn, make friends, experience a new and different culture, and obtain a degree in engineering.

I received my degree in electrical engineering in 1992, precisely in the very same hall where we are greeting you. After graduation, I continued my doctoral studies and started working as a research fellow at my alma mater. Now, as the Rector of BME, I am responsible for educating more than 20.000 students.

You have every right to be proud of graduating from the BME, **the University that gave the world four Nobel Prize laureates**. Recently, Ferenc Krausz, an alumnus of this esteemed institution, and Katalin Karikó, the Honorary John von Neumann Professor of BME, have been awarded the Nobel Prize.

Based on a solid science education that we have inherited, we provide competitive knowledge and pass on the values and the demand for quality and dedication.

Since 1984, our University has continuously offered education in English. Students from every continent and almost every country can benefit from the diplomas they have proudly obtained at BME.

You have grown to love engineering, natural sciences, business studies, and, hopefully, Hungary in general. You've made friends, gained experience in Central and Eastern Europe and become open to a continuously changing and globalized world.

As an **alumnus of the Budapest University of Technology and Economics**, the knowledge and skills you have acquired will give you an excellent foundation for your future professional career.

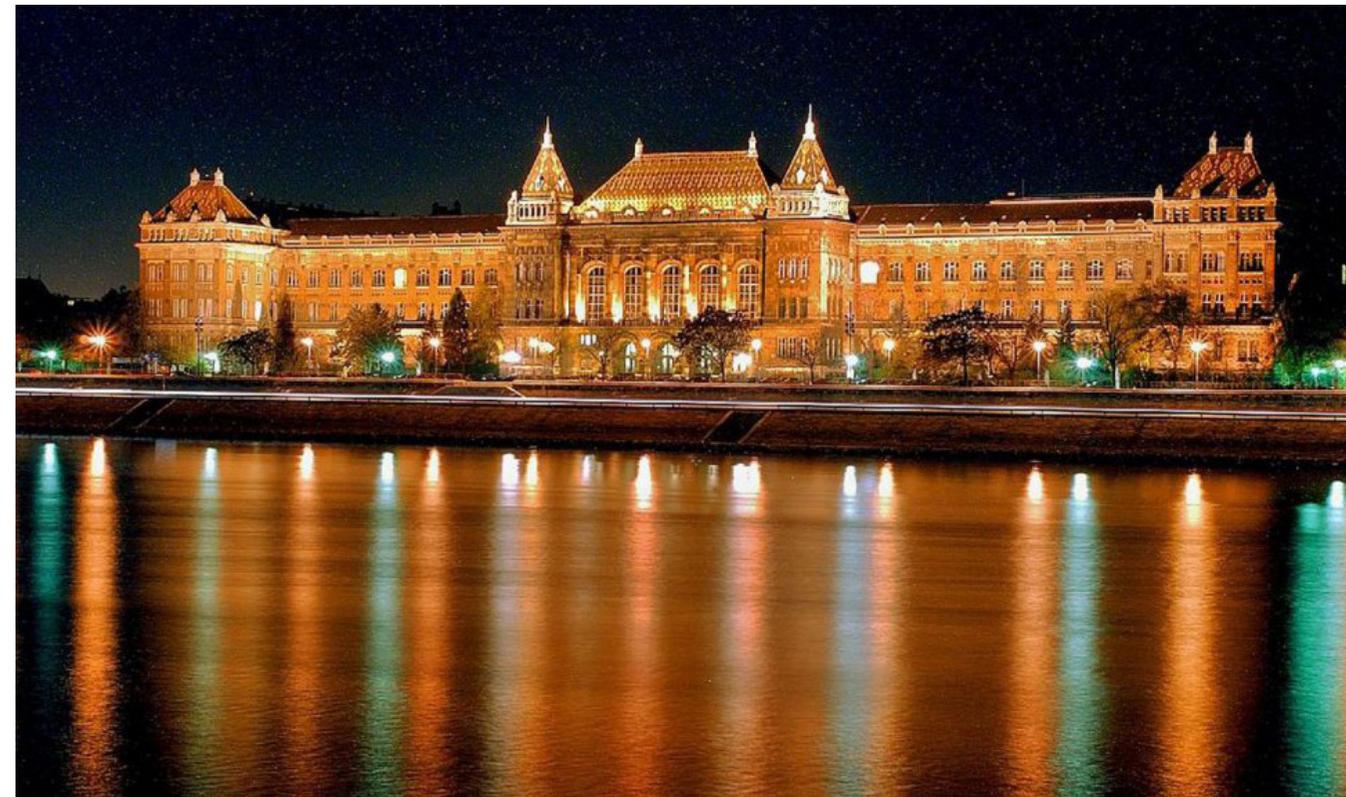
Engineers, innovative technicals, and economic specialists frame the economy of any competitive and stable country. Remember this when you return home and make sure to invest the knowledge you have acquired here, in your country, and wherever life takes you.

Be our ambassadors, keep your interest in the new technologies, and don't fear challenges. Always thank your parents, relatives, and friends for their support and encouragement throughout your education!

To conclude my greeting words, I will rebound to the suitcase analogy. What did BME put in your suitcase? I hope the answer includes collaboration, your ability to work together; diversion, your ability to bridge different cultures; and inclusion, an extensive network of contacts.

Besides all of the above and with a bag full of collective memories and smiles, you will certainly prove that you have been a citizen of BME, a very proud one to be.

Prof. Hassan Charaf
Rector



Farewell message

from the Vice-Rector for International Relations



On behalf of the Budapest University of Technology and Economics, I sincerely congratulate you for completing your studies and receiving your well-deserved diplomas very shortly. Allow me to share with you three messages on this occasion that I consider important.

1. Act and innovate: Your local actions will solve your generation's global challenges.

Today, we officially hand out our diplomas to graduates from 57 countries – this is more than one-quarter of all the countries in the World. We can safely say that during your studies, you met and experienced in one form or another our global challenges let it be political, economic, social, or even environmental. If you look around now, together, you possess the capability to engineer a better tomorrow. You have started collaborating in this academic setting, and I firmly encourage you to continue this and extend it to impactful solutions.

As with the help of your faculty and teammates we have delved into technical concepts and projects remember that small innovations can lead to significant advancements, shaping the future of technology and society. We have tried to show you that engineering is way beyond numbers and calculations, that good design is not only fabricated objects, that organizational systems are not only a set of effective agents, or that the role of finance is not at all to separate wealth from the poor to the rich.

I encourage you to become leaders and innovators in your local community. Seek solutions to make your environment better and happier. I call upon the quote that one of my greatest heroes, the late Steve Jobs said:

“Innovation distinguishes between a leader and a follower.”

2. Do not sit on your laurel leaf because it is prickly as a thorn.

Laurel leaves, and the laurel wreath holds significant historical and cultural importance. In ancient Greece and Rome, it symbolized victory, achievement, and honor. The laurel wreath was bestowed upon heroes, poets, and athletes as a mark of excellence and distinction. Over time, the laurel leaf became associated with concepts of glory and recognition, a symbol of honor and accomplishment in various contexts enduring in European culture through the Middle Ages and the Renaissance.

Today, as an outstanding academic achievement, you are all the recipients of the laurel wreath. Today, you are the heroes of your loved ones, your colleagues, and I sincerely say of our whole university. Just like the ancient victors, you also worked hard and sacrificed a lot to receive the laurel leaves, which entitles you to many things. You may use it as a key to open your career with it; you can show it as a passport for higher learning, you may wave it as a flag symbolizing your knowledge, or your dare fly with it towards new adventures; and if you please you can even hang it up in your office.

There is only one thing you should never do: to sit on it. The thorns will hurt ...

3. Remember the present as the future unfolds

Wayne Gretzky, the ultimate goal scorer in ice hockey, once asked what his secret was to score so much: I do not skate where the puck is, but where the puck will be.

This moment is solemn, and we celebrate you and all my colleagues at BME who made this possible. Nevertheless, this moment, as any other moment, mercilessly will pass.

As we honor your achievement today, we embrace you as our alumni tomorrow and look ahead with anticipation and determination. Where you go and what you do, will not only elevate your careers but will also uphold the reputation and stature of this institution, which is your alma mater from now on. I ask you to share your joys and challenges so we can “score with you together.”

I promise you that we here at BME will also grow and improve. We will keep on innovating and achieving new results. Until last year, we “only” had three Nobel laureates. From last year, we have four – and who knows what the future will bring? We will keep you informed on our achievements not because we want to show off to you but because as the moment of today's euphoria will pass, we want you to be proud of your degree granting university here in Budapest not only for the sake of this fleeting moment, but for all the years to come.

Alums are the bridge between a university's past and its future.

Congratulations, graduates, and may your futures be filled with continued success and fulfillment.

Prof. András Nemeslaki
Vice-Rector for International Relations

Farewell message

from
the Representative
of the Schneider
Electric



Ladies and Gentlemen,

Today marks a significant milestone in our lives as we gather here to celebrate amazing group of individuals who have just achieved something truly incredible – earning their university degrees.

On behalf of Schneider Electric, I extend my heartfelt congratulations to each and every one of you.

All those late-night study sessions, surviving on coffee have paid off big time. Now you can proudly say you're officially a graduate. Your journey wasn't just about lectures and exams. It was about discovering your passions, who you are, and making lifelong friends.

As you look ahead, remember that this is just the beginning of a new chapter. The world outside these walls is ever-changing, filled with opportunities and uncertainties. Yet, I am confident that you are well-prepared to navigate its complexities.

You are future leaders, thinkers, the innovators, the dreamers. Each of you holds the power to make a difference, to inspire change, and to create a better future. Whether you are entering the workforce, continuing your studies, remember that your potential is limitless. Don't be afraid to dream big, take risks, and go after what you want.

Take a moment today to thank those who have been by your side throughout this journey – your family, friends, professors, and mentors. They've cheered you on, believed in you, and helped you get to where you are today.

As you move forward, embrace the spirit of lifelong learning. Stay curious, seek new experiences, and never stop growing. Take on challenges with confidence and stay true to who you are. And above all, strive to make a positive impact on the world.

Congratulations, the world awaits your brilliance.

Katalin Ivanov



Farewell message

from the Director of the Department of Academic Affairs for Education in Foreign Languages



Dear BME Leaders, Dear Graduates, Ladies and Gentlemen!

First of all, at this excellent occasion, congratulations to the graduates on their graduation. Your persistent hard work allowed to and is acknowledged by the gaining of this diploma. As well, thank you to your parents, family, friends and all around you for the continuous and persistent support. Thanks are also due to the Hungarian scholarship programmes of Stipendium Hungaricum, Scholarship for Young Christian, for providing an excellent opportunity for many of our students to complete their studies.

I recall the time when I had the pleasure to issue your admission letter couple of years ago and now it is an honor to celebrate your graduation together.

You have a great degree, great diploma in your hands. You are now a graduate recognized all over the world, which you have achieved at the cost of persistent efforts. I can assure you that this degree is well recognized all over the world and with this degree you will stand anywhere in any circumstances.

What does this degree mean? Surely: knowledge, preparedness, experience, professional esteem.

And something more.

Let me briefly explain this through my personal story.

I remember when I started my studies: the situation with my roommate didn't start easily, we had a lot of discussions and disputes, but then we became friends. A difficult beginning of a beautiful friendship. We have gone through incredible things and we are still friends today. Friendship grown, we had new fellows, classmates, new friends; friends with similar feelings, common language, common aims and strong fellowship. Our network started to grow. One day I woke up and recognized I am part of a community, an international community with people from all over the world. This is our community!

I felt we were strong, we could reach anything we want! We can solve any and every problem, we can compete even in NASA competitions, we can launch satellites, we can build the biggest bridge ever, even from pasta, we can go for Nobel prize! And we can solve social challenges, provide solutions for climate change, sustainability issues, we can help in disaster prevention, let it be earthquake in Albania or red mud in Hungary.

This is the BME community.

You are member of the BME community, you are the BME community!

The BME community cares about each other, the BME community achieves its professional goals, provides space for innovation, and shares responsibilities in social challenges. This is the BME community!

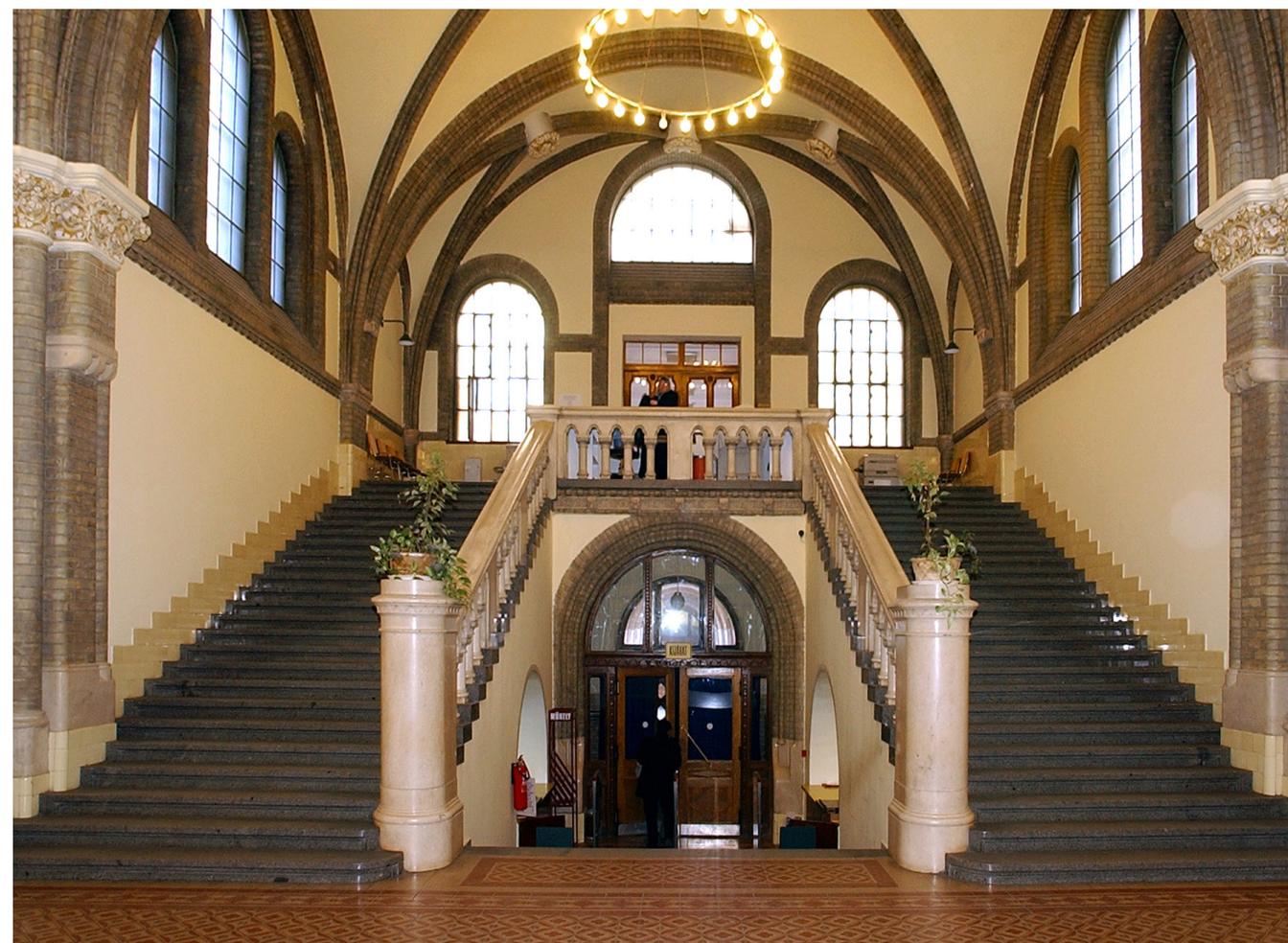
And you are permanent member of the BME community forever! In addition to the professional value of the degree, this is what makes you and us special. This connection will never vanish.

Never forget that! We are always waiting you to be back, as student, as researcher, as visitor, as partner in cooperations. And we are encouraging you to be our community ambassador.

Once again, congratulations on your degree, enjoy the moment. And I wish you much success in your life, both professionally and privately.

Dr. László Gergely Vigh

Director, Department of Academic Affairs for Education in Foreign Languages



Farewell message



from
the Students' Union
(EHK)

Dear Graduates,

I am delighted to welcome all of you on behalf of the Students' Union of Budapest University of Technology and Economics. It is an honor to be here with you all!

First of all, I would like to congratulate all of you who will receive their University Degree today.

A few years ago all of you had a goal, which you always had in mind during the past semesters but today you have successfully achieved it. It may not have been the easiest part of your lives' but you have learned and experienced a lot. Today, you can proudly say to your families, friends that I have done it, I have finished University!

You have overcome all of the challenges and made lifelong friendships. Keep in touch and never forget each other and all the beautiful time you have spent together. Your road will lead to different places but you have become a part of BME's community which will enable you to many opportunities during your lifetime.

For those of you who will continue their studies I wish you the best of luck and hopefully we will see each other again during your next graduation ceremony!

To close it all I would like to quote Stephen Hawking and I would also like to wish all of you a successful future and life!

"We are very, very small, but we are profoundly capable of very, very big things."

Thank you!

Dóra Baranyai
Chairman, of The Students' Union

Farewell message



from
Ahmad Fathi
Mohammad Al Araj

Honorable Vice-rector, Deans, BME Professors, Ladies and Gentlemen,

Today is a day of joy and pride. It feels like just yesterday we were navigating maze-like hallways of BME specially building K, nervously searching for our first lectures. Now, here we stand, ready to take on the world. I want to express my deep gratitude for the Stipendium Hungaricum scholarship, which gave us the opportunity to study at this prestigious university and become part of a vibrant international community.

Our time at BME has been an amazing journey. We've made friends from around the globe, learned to appreciate different cultures, and even mastered a few Hungarian street names. The laughter, late-night study sessions, and shared moments have created bonds that will last a lifetime. We owe a big thank you to our professors who have guided us through this journey. Let's take a moment to remember the small things—the times we mixed up assignment deadlines, the countless cups of coffee during exams, and the funny language mix-ups.

To my fellow graduates, stay curious, open-minded and embrace the journey that brought you here.

Congratulations to the Class of 2024. We did it! Thank you.

Ahmad Fathi Mohammad Al Araj
Faculty of Economic and Social Sciences MSc

About



the Budapest University of Technology and Economics

The Budapest University of Technology and Economics (BME) is proud of its more than two-hundred-year tradition of excellence in engineering education. It has developed into one of the largest institutions of higher education in Hungary and is one of Central Europe's most important research centres. The university considers scientific research and development of equal importance not only to its educational activities, but also to economic and social development.

The university takes special pride in the contributions made to science, engineering and culture by its faculty, graduates and researchers.

Several Nobel Prize laureates have been associated with the BME:

Dennis Gábor (physics),
 Eugene Wigner (physics),
 György Oláh (chemistry)
 Ferenc Krausz (physics)

Notable personalities have also studied or taught at the BME:

John von Neumann inventor of the computer,
 Edward Teller nuclear physicist,
 Leo Szilárd known for his work on nuclear chain reactions,
 Marcell Breuer architect,
 Theodor von Kármán aerodynamic scientist,
 Ernő Rubik inventor of the famous "magic cube",
 Donát Bánki co-inventor of the carburetor,
 Károly Zipernowszky one of the inventors of the transformer,
 Dénes Mihály one of the inventors of television

About the Budapest University of Technology and Economics

Today, 77 departments and institutes operate within the structure of eight faculties. Seven knowledge centres have been established. About 1.100 lecturers, 400 researchers, other degree holders and numerous invited lecturers and practicing specialist experts participate in the education and research at the BME.

Approximately 2 500 of the university's 23 000 students are from 60 different countries.

The BME issues about 70% of Hungary's engineering degrees.

The goal of the BME is to graduate professionals who are capable of high-level creative work, who can organize and supervise production and infrastructure, and who are qualified to perform scientific research, participate in technical development, solve engineering problems and implement solutions.

There are more than 40 English language training programmes at BME, with Bsc/BA, Msc/MA and PhD ones among them. The most recently launched ones are:

- Physicist-Engineer BSc - in close collaboration with our industrial partners, it focuses on rapidly developing technological areas such as quantum and nanotechnology, data science and artificial intelligence, photonics, sustainable energetics, and nuclear technology.
- Professional Pilot BSc - with a balanced combination of basic engineering, mechanics, computer and data science, aviation technology, as well as management, it gives the theoretical and practical knowledge both to build a career as a professional pilot and to work in air operations or ground handling.
- Medical Physics MSc - recommended for students interested in the practical applications of basic physical knowledge, it aims to prepare for performing clinical tasks as scientists participating in academic and industrial research, developing and operating methods, equipment and measuring devices using modern technology.

In addition to educating engineers and economists the university provides continuing training through:

- undergraduate programs in engineering and in business and management
- graduate programs in engineering specialization and in business administration and management
- refresher courses to inform practicing professionals about new scientific developments which affect their works
- PhD programs, guidance and instruction for scientific research fellows.

Graduates

Leaders of the University



Prof. Hassan Charaf
Rector



Miklós Verseghi-Nagy
Chancellor



Prof. András Nemeslaki
Vice-Rector for
International Relations



Prof. János Levendovszky
Vice-Rector for
Research and Innovation



Dr. Péter Bihari
Vice-Rector for Education



Prof. Gergely Zaránd
Vice-Rector for
Scientific Affairs

of the Budapest University of Technology and Economics



Faculty of Civil Engineering



The Faculty of Civil Engineering is the oldest faculty of the Budapest University of Technology and Economics and can trace its history back to the University's predecessor, the Institutum Geometricum, founded by Emperor Joseph II in 1782. Since then, thousands of engineers have graduated from this Faculty to work worldwide as educators, international researchers, designers and engineering project managers.

The most essential service of the Faculty – education linked closely to research and engineering work – is reflected in the scientific activities of nearly 103 lecturers in 9 departments. They have contributed significantly to a professional, scientifically sound solution to diverse engineering problems. Out of the approximately 1200 students who study at this Faculty, ~300 students from abroad participate in the English language program annually.

The BSc engineering program in English leads to a BSc degree in four years. Two specializations are offered: Structural Engineering and Infrastructure Engineering. Graduates from the BSc Specialization in Structural Engineering are able to design, construct and organize the investments of mechanically, structurally and technologically complex structures in close cooperation with architects as well as transportation and hydraulic specialists. These structures include bridges and underground passages for transportation networks; power stations, cooling towers, craneways, transmission and telecommunication line structures; warehouses, industrial plants, and multi-storey buildings as well as hydraulic and water utility structures. Graduates from the BSc Specialization in Infrastructure Engineering are able to design and construct urban and regional infrastructure, such as roads, railways, water and wastewater utilities, hydraulic constructions, and organize engineering activities in these fields.

The Faculty offers four MSc programmes with a duration of 1.5 years.

MSc in Structural Engineering:

- Specialization in Numerical Modelling
- Specialization in Structures
- Specialization in Geotechnics and Geology
- Specialization in Structures in Nuclear Power Plants

MSc in Infrastructure Engineering:

- Specialization in Highway and Railway Engineering
- Specialization in Water and Hydro-Environmental Engineering

MSc in Land Surveying and Geoinformatics

MSc in Construction Information Technology Engineering

These specializations are useful for research-oriented students pursuing a doctoral degree in a PhD program, as well as for the next generation of practicing leading engineers, who will solve special structural problems and innovate the construction procedures. The doctoral school of the Faculty offers a 4-year PhD program in Civil Engineering and Earth Sciences.



The ornamental chain of the Faculty of Civil Engineering

Farewell message



on behalf of the Faculty of Civil Engineering

Congratulations! First for the degree you have obtained, but also for the hard work you have put in to achieve it. As a student from abroad, the task is perhaps even more difficult: to adapt to a new environment, to learn new cultures, new habits, to acquire professional knowledge in a foreign language, to build new personal and professional relationships. We hope that this professional knowledge, experience and network will accompany and help you in your future life.

You can be proud of your achievements, the knowledge, and professional skills you have acquired. Please do not stop learning! With a diploma in hand, always look for opportunities to improve your knowledge. It will be a new way of learning, learning from your own work experience.

The BME has been running educational programs in English for almost 40 years. In these nearly four decades, our graduates are well established in many countries all around the world, having acquired a solid foundation of knowledge. The Faculty is very proud of its graduates and their achievements and we are proud of BME's contribution to global civil engineering activities. As civil engineers, you have become useful members of the society, giving back to humanity through your knowledge. The mission of a civil engineer is to create a safe, comfortable, energy efficient and sustainable built environment for the society. I wish you great success in fulfilling this mission!

Always remember BME, your Alma Mater, be proud of being a member of our alumni; we wish you all the best!

Dr. Nauzika Kovács
Vice-Dean for Education,
Faculty of Civil Engineering





Dr. Szabolcs Rózsa
Dean, Faculty
of Civil Engineering



Dr. Balázs Kövesdi
Vice-Dean, Faculty
of Civil Engineering



Dr. Nauzika Kovács
Vice-Dean, Faculty
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Ulamkadirov**



Alzhan Rinatov



Amila Isanovic



**Aruzhan
Ashamanova**



**Dickson Mwangi
Ndegwa**



**Francis Rainas
Mafuru**



**Godwin Bandawa
Emmanuel**



Inkar Madikyzy



**Kaisabek
Oralbekov**



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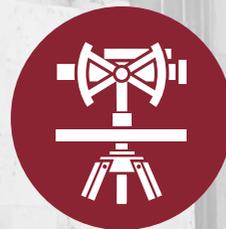


Khaknazar Bolat



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Faculty of Civil Engineering — BSc





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Dean, Faculty
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Vice-Dean, Faculty
of Civil Engineering



Dr. Nauzika Kovács
Vice-Dean, Faculty
of Civil Engineering



Marko Kukavici



**Matome Casley
Modiba**



Mergen Gantsog



**Misheel
Ganzorig**



**Mohammad
Khalid Helmi
Shaheen**



**Roman
Stikhaenko**



**Sonia Kemunto
Morara**



**Syed Ali Hamza
Bukhari**



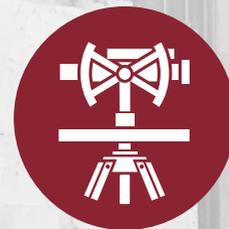
**Yan Medeiros Da
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Yersaiyn Nyssanov



**Zhasmina
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Faculty of Civil Engineering — BSc



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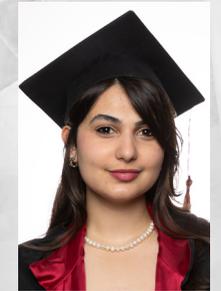
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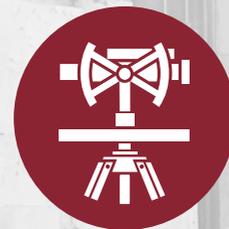


**Sarah Wathiq
Taha**

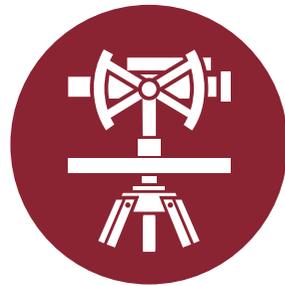


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Faculty of Civil Engineering — MSc



Faculty of Civil Engineering



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Kaisabek Oralbekov
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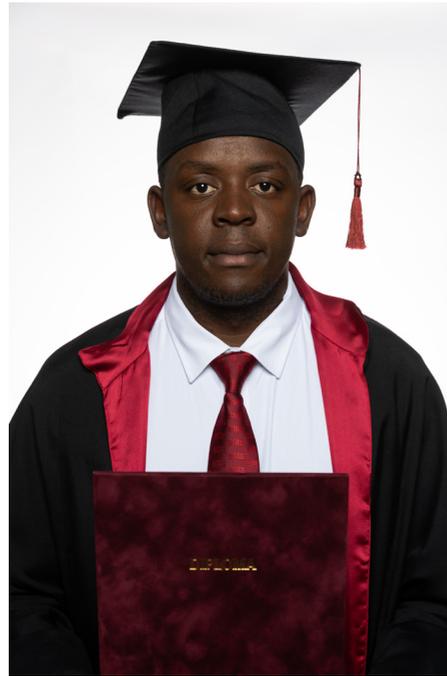
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Sonia Kemunto Morara
Faculty of Civil Engineering



Yan Medeiros Da Cruz
Faculty of Civil Engineering



Yersaiyn Nyssanov
Faculty of Civil Engineering



Zhasmina Kuandyk
Faculty of Civil Engineering



Faculty of Mechanical Engineering



The Mechanical Engineering Programme at the Budapest University of Technology and Economics began in 1863. The Faculty of Mechanical Engineering was established soon afterwards, beginning official operations in the academic year 1871-1872. The Faculty is justly proud of its continuous, progressive and more than 140-year history and now offers undergraduate and graduate programs in both Hungarian and English.

The Faculty of Mechanical Engineering offers a 7-semester undergraduate BSc degree program (BSc in Mechanical Engineering) in English. The new two-year graduate program in English (MSc in Mechanical Engineering Modelling) started in February 2009. Students can start their studies either in the fall or spring semester. Individual postgraduate PhD programs, usually completed in four years, are also available for those with an MSc degree and who wish to pursue a PhD degree.

The undergraduate BSc program of the Faculty of Mechanical Engineering is designed to continue our tradition of excellence by:

- providing well-grounded and broad knowledge that graduates of this Faculty can apply immediately in their work and also use as the basis for further studies; and
- graduating competent engineers who are not only masters of their profession but also possess an ethical philosophy of engineering based on accuracy, punctuality and reliability, as well as respect for the human element.

The goals of our MSc and PhD Programmes are:

- to train creative, innovative mechanical engineers who can apply the engineering skills and the knowledge they have gained from the natural sciences on a state-of-the-art level; and
- to foster the development of leaders in engineering research and development.

The Mechanical Engineering Modelling MSc programme courses deal with those time-dependent and coupled (structural and vibration analysis, fluid dynamics, heat transfer, etc.) problems of mechanical engineering, which typically require the efficient modelling of tasks to access the continuously developing methods of computational engineering. As the joke says: 'Anything designed by a civil engineer starting to move is bad. Anything designed by a mechanical engineer NOT moving is bad, too.' Modern computational methods are prevalent in the industry since they allow inexpensive and high-fidelity analysis in the design phase. However, without a profound knowledge of the underlying physical laws and the limits of these softwares, one cannot expect proper predictions.

Computational methods are reliable if they are appropriately tested, and the principles of their applied algorithms and procedures are well understood. This process is analogous to the modern cartoon industry: the 25 pictures of one second of a cartoon can be drawn by computers if the first and the last picture of that second are designed for them by the artist, but the computers will fail if they have to draw the cartoon without any reference picture or based on the first (or last) picture only.

The tasks of mechanical engineers that typically require modelling machines in motion and time-varying processes are based on solid and fluid mechanics, thermodynamics and electronics. Modelling means understanding and actively applying the related theories supported by differential equations and numerical methods in mathematics. Modelling also needs experimental work during the research-development-innovation process in case engineers do not have enough information about the motions and processes they want to capture by a model. Finally, modelling is also affected by the engineers' knowledge of design, technology, and informatics since the model should not be so complex that the available software cannot solve them within a reasonable time and for a reasonable cost.

The above principles affected the development of this master course. After the summary of the required fundamental courses (mathematics, mechanics, thermodynamics, electronics, control and informatics), the students have to choose a major and a minor specialization from the following list of modules:

1. Solid Mechanics 2. Fluid Mechanics 3. Thermal Engineering 4. Design and Technology

The possible combinations provide flexibility among more research-oriented knowledge (combinations of the first 3 modules) and the development-oriented one (major from modules 1-3 and module 4 as minor or vice versa).

This course is offered in English only, based on the foundations provided by the solid traditions of some successful former Faculty of Mechanical Engineering courses at BME. This course is also compatible with many master courses in mechanical engineering in the European Union (see, for example, Uni. of Bristol, Uni. of Bath, ENS Cachan, TU Karlsruhe, Uni. of Hannover, and TU Munich).

Our Faculty offers its engineering education excellence rooted in the industry. It also aims at a unique position of training decision-makers and technological leaders of tomorrow. Our aim during the training is to qualify our graduates to perform as competent problem solvers, good communicators, excellent team workers, successful project leaders, and - above all - ethical participants of the World around them - locally and globally.



Farewell message



on behalf of the Faculty of Mechanical Engineering

Since enrolling at the BME, you have heard us addressing you as “Dear Colleagues!” countless times. Please, believe me; it was not just an empty phrase from your instructors and mentors.

At the Faculty of Mechanical Engineering, we use this addressing to express that, from the beginning, we respect you and your commitment to becoming mechanical engineers and consider you an equal partner. Like you, we have given the best of our knowledge, and we celebrate your diplomas and your inauguration as engineers with you on this day. First of all, I congratulate you on your success!

The World has changed a lot recently; our and our beloved one’s health was endangered, and we are already facing a novel, even more threatening danger. These challenges have shown that peace and prosperity cannot be taken for granted. As mechanical engineers, we are problem-solving professionals; we must give the best of our knowledge wherever we can contribute to peace and prosperity. As Matt Damon said in the Martian movie: “You solve one problem, and you solve the next one and then the next. And if you solve enough problems, you get to come home.”

Dear Colleagues!

Entirely new young people are standing here, replacing the ones enrolled a few semesters ago: you have mastered the competencies and skills that make you engineers. So now the World opens up: create, innovate, use your knowledge to advance humanity, and find and serve righteous purposes. I look forward to seeing great things from you!

Prof. Imre Orbulov

Dean

Faculty of Mechanical Engineering

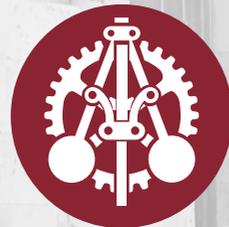




Prof. Imre Orbulov
Dean, Faculty of
Mechanical Engineering



Dr. Csaba Hős
Vice-Dean, Faculty of
Mechanical Engineering



Faculty of Mechanical Engineering — BSc



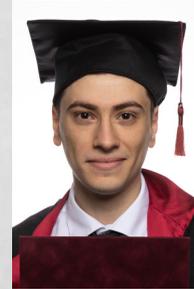
Abdullah



**Abel Galatia
Kristiawan**



**Aldiyar
Zhangulov**



Anas Sakr



**Anas Jamal
Almanasreh**



**Andrew Emad
Shawky Seha**



**Fadi Ra'uf
Bandy Aleassa**



H. M. Shah Paran



**Jai Jitendra
Bwade**



Raja Taha Khan



**Syed Asjad Ali
Bukhari**



**Taha Muhand
Ganuni**



Prof. Imre Orbulov
Dean, Faculty of
Mechanical Engineering



Dr. Csaba Hős
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Mechanical Engineering



Adem Nemouchi



Fuad Rahimli



**Hasan Kamil
Abbas Al-Gburi**



**Islanya Aguiar
Maciel**



**Gais Tareq Adeeb
Al-Maadanat**

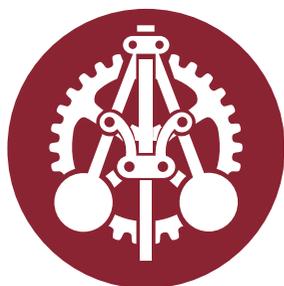


**Renan Wesley
Domingos Elias**

Faculty of Mechanical Engineering — MSc



Faculty of Mechanical Engineering



Adem Nemouchi
Faculty of Mechanical Engineering



Aldiyar Zhangulov
Faculty of Mechanical Engineering



Abdullah
Faculty of Mechanical Engineering



Abel Galatia Kristiawan
Faculty of Mechanical Engineering



Anas Ali Ali Ali Sakr
Faculty of Mechanical Engineering



Anas Jamal Almanasreh
Faculty of Mechanical Engineering



Andrew Emad Shawky Seha
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Fadi Ra'uf Bandalay Aleassa
Faculty of Mechanical Engineering



Hasan Kamil Abbas Al-Gburi
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Islanya Aguiar Maciel
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Fuad Rahimli
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Jai Jitendra Bwade
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Qais Tareq Adeeb Al-Madanat
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Raja Taha Khan
Faculty of Mechanical Engineering



Renan Wesley Domingos Elias
Faculty of Mechanical Engineering



Syed Asjad Ali Bukhari
Faculty of Mechanical Engineering



Taha Muhand Ganuni
Faculty of Mechanical Engineering



Faculty of Architecture



The Faculty of Architecture focuses on training highly professional experts in architectural engineering who are aware of the social and cultural implications of their profession. Versatility is emphasised so that students will gain fundamental knowledge and abilities in every possible field of architecture and be able to find work in a highly competitive job market, and in any building- or design-related area of consulting, construction, and management.

Graduates of the Faculty of Architecture are qualified for a broad spectrum of architectural occupations:

- Design, construction and maintenance of residential, public, industrial and agricultural buildings;
- Reconstruction and the preservation of historical monuments;
- Urban design and settlement planning; and
- Administration of all these activities.

The curricula were organised on Swiss and German models. The Faculty has maintained these traditions for the last 40 years but provides additional European and international dimensions through guest lecturers from abroad, topical short courses, workshop seminars and exchange programs.

The Academic Programs of the Faculty of Architecture taught in English are in full conformity with the Integrated MSc Program and MSc Program provided in Hungarian, which after two years practice and experience are accepted for access to EUR-ING title.

Students, both International and Hungarian, who have a command of both languages can choose from either program. The participation of Hungarian students in the program given in English has obvious advantages. It eases the integration of international students into the society, which surrounds them during the years of their studies. It also attracts students from European, American, and other universities worldwide to study in Budapest within the framework of the International Student Exchange Program and other agreements.

Hungarian students likewise gain the opportunity to study at schools of architecture abroad. These exchanges will become a powerful factor in achieving real convertibility among educational system worldwide and, eventually, mutual international recognition of degrees.

Graduation from the University is based on the successful completion of examinations in all subjects and on the successful defense of a diploma project in front of a Final Examination Board. The examinations are public, and the Board consists of professors and eminent specialists in the profession. Diploma projects are prepared in the last semester under departmental guidance and can be submitted only by students with an "absolutorium" (university leaving certificate). The diploma project is expected to reflect its author's familiarity with technical and aesthetic knowledge fundamental to architectural practice, and his/her creativity in applying it. Currently, international agreements make it possible for certain Hungarian students to prepare and defend their diploma projects in the university of another country.

Students from abroad can correspondingly prepare and defend their thesis projects under the guidance of the Faculty of Architecture at the Budapest University of Technology and Economics.



The Academic Programs of the Faculty of Architecture in English language are as follows:

Pre-Engineering in Architecture (General Course in Architecture, (Preparatory Program))

The 1-2 semester program called Pre-Engineering in Architecture (General Course) precedes the Integrated MSc Program. It is designed to develop the skills of students from abroad so they will be at no disadvantage in meeting the Faculty's exacting educational standards. Students are introduced to various aspects of the profession they have selected, and they concentrate on studying English and basic technical subjects such as mathematics and freehand drawing. Successful fulfilment of the General Course is equal to a successful Placement Test. The partial fulfilment of the General Course doesn't replace the Placement Test. Students who successfully pass the Placement Test can start the Integrated MSc Program.

Integrated MSc Program in Architectural Engineering

The Integrated MSc Program is a five-year (10 semester) long training and leads directly to an MSc degree in Architecture and Architectural Engineering (Dipl. Ing. Arch.). For integrated MSc degree (10 semesters) students have to accumulate min. 300 credit points. The Program requires to accomplish obligatory subjects and elective subjects too. Currently there isn't BSc program offered in English language.

Preparatory Year for Master of Science Program in Architecture (Pre-MSc Program)

The two-semester program called Pre-MSc Program precedes the MSc Program. The Pre-MSc Program is offered for students who have earned BSc degrees in other schools of architecture and could legally join the MSc Program, but could not successfully complete the entrance exam of the MSc Program. Based on the different kind of BSc studies there might be differences in their preparedness. The aim of the Program is to equal these differences and prepare the students for the MSc Program. Students are offered to join the courses of the Integrated MSc Program. There are two kinds of courses in the Program: obligatory and suggested courses. Successful fulfilment of all the obligatory courses is equal to a successful entrance exam. Suggested courses are tendered to develop the skills of students in various fields.

Master of Science Program in Architecture (MSc Program)

MSc Program, which is a two-year (4 semester) long training and leads to an MSc in Architecture. Students who have earned BSc degrees in other schools of architecture can join the MSc Program. For MSc degree (4 semesters) students have to accumulate min 120 credit points. The Program requires to accomplish obligatory subjects and elective subjects too. During the MSc Program, students can choose at the beginning of the first semester from the following specialisations:

- Sustainable Architecture
- Real-Estate Development and Facility Management
- Urban Design

Note: The Faculty of Architecture reserves the right of changing the Curricula. Specialisations have a minimum required number of students to start.

The Faculty of Architecture offers Postgraduate studies in its two Doctoral Schools.

Doctoral Studies PhD (Csonka Pál Graduate School)

Studies in Csonka Pál Graduate School cover a wide range of scientific and engineering topics related to architecture, including urban sciences, energetics and sustainability, architectural heritage and history of architecture, structures, applied mechanics and applied geometry. The focus of this school is independent research under personal supervision.

Doctoral Studies DLA (Doctoral School of Architecture)

The program of the Doctoral School of Architecture leads to the PhD-equivalent degree Doctor of Liberal Arts (DLA). The four year-long curriculum strongly focuses on creative architectural design supported by project-based research.



Farewell message



on behalf of the Faculty of Architecture

Dear Graduating Students,

On behalf of all teachers and members of the Faculty of Architecture, I would like to congratulate you on your graduation.

The road to this university degree was not easy, especially the extraordinary semesters during the pandemic. You worked extremely hard to fulfil all of the requirements. You think that from today on, you will never draw or work at night again. Unfortunately, I have to say, you will. You have chosen a profession where you will sometimes be forced to work a lot and spend the night before submitting a plan. But the joy of the work done, the beauty of the completed project, drawing or the finished building will make you forget the great amount of effort.

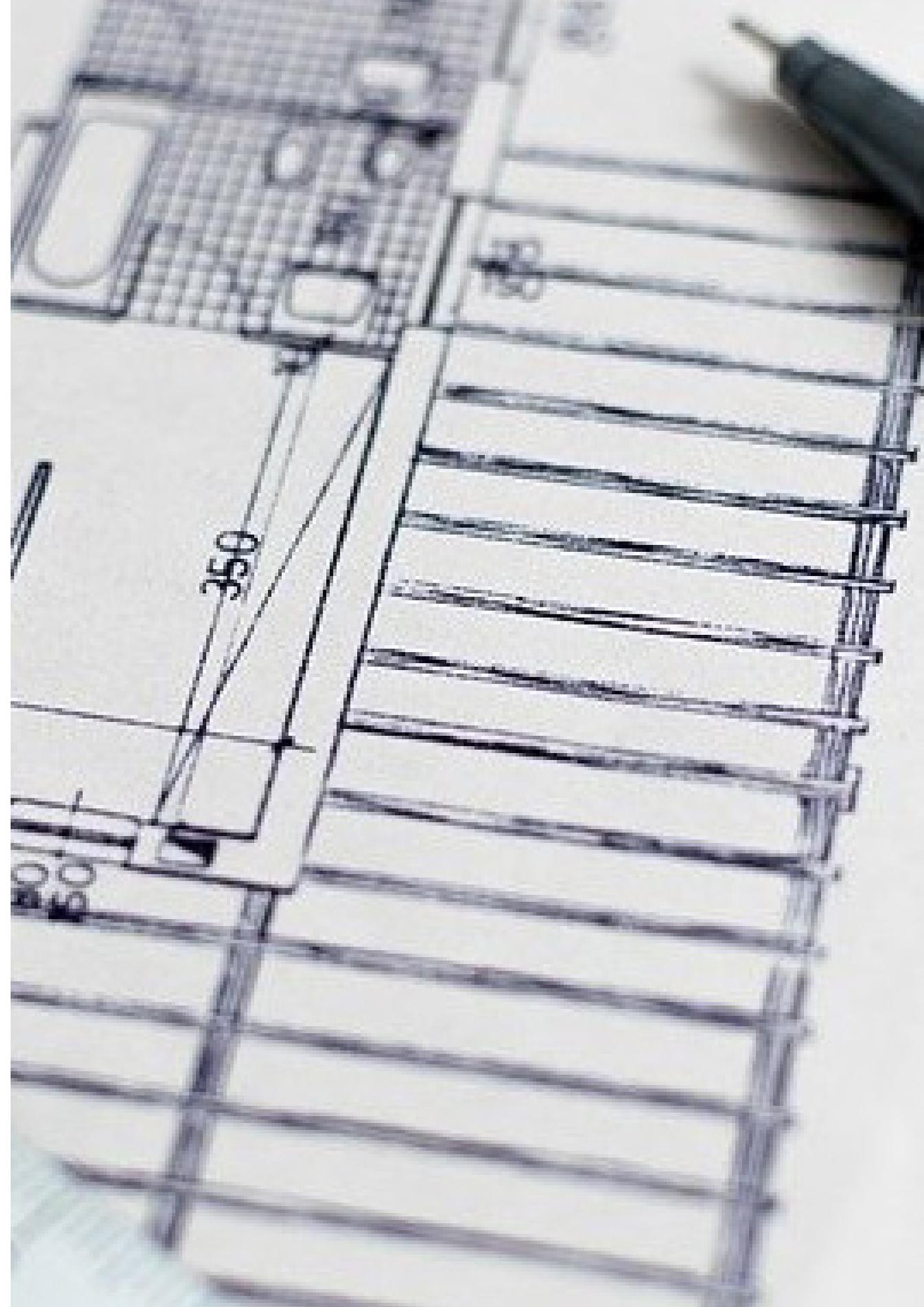
I wish you to be a successful architect, planner, structural designer, constructor, landscape artist or en-trepreneur. There are so many possibilities before you. This degree of BME is a useful “passport” to your future professional career with your knowledge and special experiences, also with the relationships and lifelong international friendships you made here at BME. So, I wish you a lot of success, recognition, and health in both your professional and private life.

I hope you will come back later as postgraduate students or as scientific or architectural partners, or simple to show your family the city and university where you spent such important and memorable years.

Finally, let me share with you an important message of Kurt Vonnegut, my favourite writer:

„Don’t worry about the future. Or worry, but know that worrying is as effective as trying to solve an algebra equation by chewing bubble gum.”

Dr. Ágnes Gyetvai Balogh
Vice-Dean for International Education
Faculty of Architecture





Prof. György Alföldi
DLA
Dean, Faculty
of Architecture



**Dr. Ágnes Gyetvai
Balogh**
Vice-Dean, Faculty
of Architecture



Ahmad Aldebsi



Aleksa Grgurovic



Artine Arifi



**Jonathan Jay
Arreola**



Masoud Ansari



**Namuundul
Gantumur**



Rand Sukkar



**Salah Ahmed
Mohammed
Al-Gamal**

Faculty of Architecture - MSc





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**Dr. Ágnes Gyetvai
Balogh**
Vice-Dean, Faculty
of Architecture



Asude Ozmen



Buse Naz Yardimli



Estéfani Marx



Haoxin Guan



Ilaydanur Karatas



Luming Peng



**Mai Hisham Bahig
Hassan**



Ömer Nuray



Tianpei Zhou

Faculty of Architecture - OTM



Faculty of Architecture



Artine Arifi
Faculty of Architecture



Asude Ozmen
Faculty of Architecture



Ahmad Aldebsi
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Luming Peng
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Namuundul Gantumur
Faculty of Architecture



Ömer Nuray
Faculty of Architecture



Rand Sukkar
Faculty of Architecture



Salah Ahmed M. Al-Gamal
Faculty of Architecture



Tianpei Zhou
Faculty of Architecture



Faculty of Chemical Technology and Biotechnology



The education of chemical engineers and chemists has a long-standing tradition in Hungary. Hungary's earliest chemistry department was established in 1763 at the Selmechánya Mining School, the first school to offer practical instruction in the chemical laboratory. In 1769, a common department for chemistry and botany was founded at the University of Nagyszombat, which was resettled to Buda in 1777, and later to Pest. In 1846, the Department of General and Technical Chemistry was founded at Joseph II Industrial School, a Budapest University of Technology and Economics's predecessor institution. Education of chemical engineers, separate from that of mechanical and civil engineers, reaches back to the academic year 1863-1864.

The Royal Joseph Polytechnic became a technical university in 1871. The academic freedom granted by this university-level status allowed students to freely select the subjects they wished to study.

However, the need for an interrelated, logical sequence of subjects soon became evident, so in 1892 a compulsory curriculum and timetable was introduced. From the foundation of the Faculty until 1948, only a four-year-term of studies, without specializations, was offered. Following the educational reforms of 1948, the departments of Inorganic Chemical Technology, Organic Chemical Technology, and Agricultural and Food Chemistry were established. The Inorganic Chemical Technology Department is no longer a part of the Faculty because in 1952 its tasks were taken over by the University of Chemical Industry in Veszprém. Further reforms in the 1960s extended chemical engineering studies to the MSc level and introduced the range of specialized studies identified below. A PhD program has also been established. Studies in English at the Faculty of Chemical Engineering began in the academic year 1985-1986.

Students in the BSc program receive a thorough introduction to areas basic to chemical engineering before they begin their specializations in the fifth semester. Courses of the following specializations are available to students learning in the English formation, depending on the number of applicants (at least 3 applicants) at BSc (7 semesters) levels: Chemical and Process Engineering, Industrial Pharmaceutics, Materials Science.

Students in the BSc chemical engineering program receive a thorough core curriculum. These include natural sciences as chemistry, mathematics and physics, and engineering fundamentals as unit operations, process control. We assure, that our students besides a profound theoretical knowledge, can acquire up-to-date laboratory skills, get acquainted with the machines and apparatuses used in the chemical industry, know the principles needed for their optimal operation, and develop expertise in a more specific technology within the chemical, food and light industries.

The studies are completed by performing an individual bachelor thesis project and submission of the thesis. Graduation is completed after all required credits are gained, by a successful defense of the thesis and a final examination before the Final Examination Board of professors and eminent industrialists.

In the Msc formation (4 semesters) The Modern Chemical Technology specialization offers the following elective modules (groups of subjects): analytics, biotechnology, materials science, pharmaceuticals, technology.

Chemical engineering MSc students get a high-level knowledge in natural sciences, engineering, informatics, and economics as well as in humanities. On an international comparison our curriculum is chemistry focused, and it is especially suitable for motivated applicants having carrier plans in research and development or project management.

The studies are completed by performing an individual master thesis project and submission of the thesis. Graduation is completed after all required credits are gained, by a successful defense of the thesis and a final examination before the Final Examination Board.

All programs are organized in the credit system providing a relatively high degree of freedom in subject selection, but prerequisites (at BSc level) have to be taken into account when the individual study program is set. Further information on the Faculty can be found at our website: <http://ch.bme.hu/en/>



Farewell message

on behalf of the Faculty of Chemical Technology and Biotechnology



Dear Graduated Students,

First of all, on behalf of the community of the Faculty of Chemical Technology and Biotechnology I would like to congratulate you on your graduation. You have obtained a diploma of BME, which is accepted and recognized all over the world. Be proud of this diploma, and be also proud of yourself, that you could earn it working hard during the semesters.

Generally it is fundamentally hard, if somebody learns in a foreign country, in a foreign language, even in a foreign cultural environment. You have started your studies here several semesters ago, and I hope, as the semesters passed, this foreign environment became more and more familiar, as it generally happens class by class, year by year. You have found new friends, you could know a little bit Hungary through the events organized for you, or by your own curiosity. I think this helped you in the adaptation resulting that the higher semesters became a little bit easier. But in your case these last semesters became, however, again extremely hard because of the pandemic situation. Chemistry is a practice-oriented scientific area which can hardly be learned well online, without the manual work in different laboratories. Thus these semesters required extra and tedious activity not only from you, but from the teachers, too. But fortunately, you could successfully overcome this last big barrier.

Now, using this big, but usual cliché, you have reached a new milestone. Some of you start to find a job, or already have it, while some of you continue learning in a master or PhD formation. I hope, that as in the previous years, some of you want to apply to our further formations. We are ready to continue the common work, hopefully under normal conditions.

Of course many of you will start to work. Nowadays there are big problems all over the world, which require the action of innovative and creative engineers. To avoid the emerging pandemic situations, or at least to reduce their seriousness, to keep the environment clean with cleaner and safer processes, to develop more efficient and cleaner methods for the energy production and consumption, simply to keep the sustainability of the Earth while making the daily life easier, so many challenges standing in front of the chemists. To resolve these problems, or at least most of them, this is a very big and important task for you. So don't be afraid, you will have a plenty of jobs in the future.

All in all, whatever are your future plans, I wish you in my name and also in the name of our faculty a happy and successful professional and private life. And keep in your good mind BME, your Alma Mater.

Prof. Zoltán Hell

Course Director

Faculty of Chemical Technology and Biotechnology





Prof. András Szarka
Dean, Faculty of
Chemical Technology
and Biotechnology



Dr. Alfréd Kállay-Menyhárd
Vice-Dean, Faculty of
Chemical Technology
and Biotechnology



Alimkhan Otynbay



Alina Tilekkabylova



Bayan Ibragimbekova



Chinda Thavivanh



Danilo Barbosa Leao Cavalcanti



Dorde Vukadinov



Madina Saulenbekova

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Dennis Patricio L. Maldonado



Hoang Thanh Truc Tran



Sheng Luo



Tri Hieu Nguyen



Wendy Estefanía Dávila Arteaga



Yaseen Ahmed Nafea Abo-Tabik

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Faculty of Chemical Technology and Biotechnology



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Sheng Luo
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and Biotechnology



Yaseen Ahmed N. Abo-Tabik
Faculty of Chemical Technology
and Biotechnology

Faculty of Electrical Engineering and Informatics



The Faculty of Electrical Engineering, founded in 1949, has been renowned for excellence in research and education throughout the years of changes in the scope of engineering. Over this period, the faculty has earned a widespread international reputation for its high academic standards and scientific achievements.

Spearheading the movement to establish a modern education system, it has offered a comprehensive English curriculum since 1984. In 1992 the name of the faculty was changed to Faculty of Electrical Engineering and Informatics to recognize the growing importance of computer science. The education programs in English include a 3.5-year BSc, a 2-year MSc, and a 4-year Ph.D. program in the fields of electrical engineering and computer science engineering.

The undergraduate BSc Program (7 semesters) aims at providing comprehensive knowledge with sound theoretical foundations. The specializations in Electrical Engineering are infocommunication systems, embedded and controller systems, and power engineering. Studies in Computer Science and Engineering include specialization in infocommunication and software engineering. Each specialization contains courses focusing on the field of interest followed by a laboratory course and project subjects.

The MSc Program (4 semesters) advances electrical engineering, computer science, and information technology knowledge. The Electrical Engineering program offers major specializations in embedded systems, info communication systems, and electrical machines and drives; while the Computer Science and Engineering program offers specializations in Applied Internet Architecture and Services, and Applied informatics.

The post-graduate Ph.D. program is available in all domains offered in the MSc program.

Since research and development require innovative engineering expertise, one of the major concerns of the faculty is to endow students with high-level mathematical skills in modeling complex engineering systems. This objective implies the use of the system and algorithmic theory in addition to thorough knowledge in physics. The search for optimal solutions in the highly complex architectures necessitates not only engineering but also economic considerations.

Several strategies have been designed to help students develop high-level mathematics, physics, and computation skills. Besides theoretical knowledge, they need to carry out design and development activities in communication, instrumentation, and power industries to further perfect their practical skills.

Scientific groups are formed to encourage the students to do independent but supervised laboratory work. The set of the project subjects is one of the core parts of the studies which are dedicated to independent problem solving with the armory of modern workstations and software packages. The expertise of handling these tools is inevitable in pursuing an engineering career.

The faculty maintains close contact with well-known multinational companies and smaller industrial players to strengthen the transfer of knowledge and know-how between the university and industry.

As a result, many industry experts offer their experience and knowledge as part-time lecturers, project supervisors, and examination committee members.



The ornamental chain of the Faculty of Electrical Engineering and Informatics

Farewell message



on behalf of the Faculty of Electrical Engineering and Informatics

Dear Graduating Students,

You're finally here at the end of your studies. You have spent many years working hard for this moment. You may be feeling some anxiety and excitement about what possibilities the future holds for you. Your ambition has brought us all together and we all know how many difficulties you have had to face in a foreign country and how many obstacles you have had to overcome to get to this present moment. It is your dedication and perseverance that led you all through the way to your degree.

Today doesn't represent the end of your school days, but the beginning of new heights for you as you are moving on to the next stage of your lives.

The road to a technical university degree is not easy. When you entered the university as a first-year student, the opening celebration speeches drew attention to the method how you can acquire theoretical and practical knowledge that enables you to become an international-level engineer. I hope we have shown you all the beauty and responsibility of engineering profession.

And here we are now, at the coronation of a joint effort of the student, family, and university staff – the graduation. With the valuable „passport” you all have, your degree will open up opportunities for you where you can express your creativity and your ability of innovation. You have proven yourself to be dedicated students who have the capacity to do great things in life.

Never forget the passion and commitment you have given to learning and studying at BME. Therefore, always make sure the same dedication guides your further studies and career. Moving on to a new sphere of career and dreams can be a challenging process but I am convinced that you will all succeed.

I would like to congratulate you on your graduation on behalf of all the BME Faculty of Electrical Engineering and Informatics citizens.

I wish you the best of luck in all of your future endeavors.

Farewell and good luck!

Dr. Eszter Gerhátné Udvary,

Vice-Dean for International Affairs

on behalf of the Faculty of Electrical Engineering and Informatics





Prof. Charaf Hassan
Dean, Faculty
of Electrical Engineering
and Informatics



Prof. Gábor Horváth
Vice-Dean, Faculty
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Dr. Eszter Gerhátné Udvary
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Ainur Aman



Alima Batyrkan



**Belal Ahmed E.
Elsayed Shaaban**



**Chaima Ben
Abdelwahed**



Dina Bouallegui



Fedi Zarai



Iheb Jabeur



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Mennatallah M. A. Elmelegy



Michel Anoushe



Mohamed Said A. Abouzabady



Mostafa Said M. Mohamed Gad



Muhammad Ashiq



Sarah Mostafa A. Wahba Elkheshin



Tegsh-Amgalan Bolor-Erdene



Tushig Bat-Erdene



Yassine Haouet

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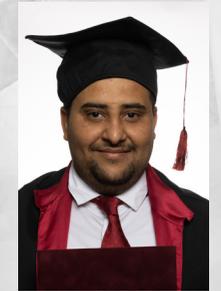
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Informatics



Achref Mekni



**Ahmed Kenawy
Maray Zahran**



**Amgad Naji Ali
Ahmed**



Dejan Francuz



**Diab Abdulsalam
Moqbel Nasser**



Foster Ganaku



Hanwei Liu



**Hussein Jahl
N. Alsultan**



**Marko
Kalember**

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Md Abdullah Al-Hysam



Mohammed E. M. Shafeeq Yasseen



Mohammed Gusay Fathi



Narek Nazari



Ogulnazik Atajanova



Samirawit Fetene Gilgel



Tra My Tran



Utkarsh Kumar



Yue Luo



Zhala Baghirova

Faculty of Electrical Engineering and Informatics — MSc



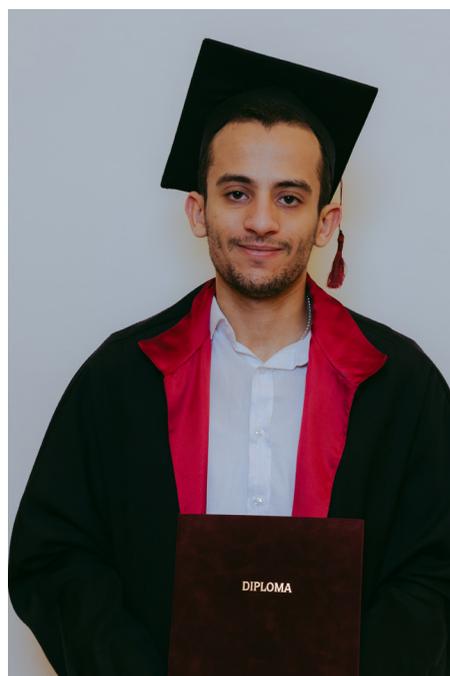
Faculty of Electrical Engineering and Informatics



Ainur Aman
Faculty of Electrical Engineering and Informatics



Alima Batyrkan
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Achref Mekni
Faculty of Electrical Engineering and Informatics



Ahmed Kenawy Maray Zahran
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Amgad Naji Ali Ahmed
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Belal A. E. Elsayed Shaaban
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Chaima Ben Abdelwahed
Faculty of Electrical Engineering
and Informatics



Dejan Francuz
Faculty of Electrical Engineering
and Informatics



Fedi Zarai
Faculty of Electrical Engineering
and Informatics



Foster Ganaku
Faculty of Electrical Engineering
and Informatics



Diab Abdulsalam Moqbel Nasser
Faculty of Electrical Engineering
and Informatics



Dina Bouallegui
Faculty of Electrical Engineering
and Informatics



Hanwei Liu
Faculty of Electrical Engineering
and Informatics



Hussein Jahl Nakeeo Alsultan
Faculty of Electrical Engineering
and Informatics



Iheb Jabeur
Faculty of Electrical Engineering
and Informatics



Jerome Asante
Faculty of Electrical Engineering
and Informatics



Md Abdullah Al-Hysam
Faculty of Electrical Engineering
and Informatics



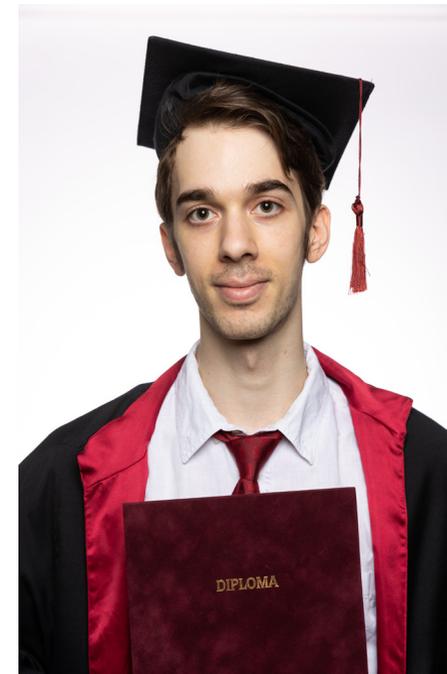
Mennatallah M. A. Elmelegy
Faculty of Electrical Engineering
and Informatics



John Martin Odero Ogumo
Faculty of Electrical Engineering
and Informatics



Marko Kalember
Faculty of Electrical Engineering
and Informatics



Michel Anoushe
Faculty of Electrical Engineering
and Informatics



Mohamed Said A. Abouzabady
Faculty of Electrical Engineering
and Informatics



Mohammed E.M. Shafeeq Yasseen
Faculty of Electrical Engineering
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Mohammed Qusay Fathi
Faculty of Electrical Engineering
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Narek Nazari
Faculty of Electrical Engineering
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Ogulnazik Atajanova
Faculty of Electrical Engineering
and Informatics



Mostafa Said M. Mohamed Gad
Faculty of Electrical Engineering
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Muhammad Ashiq
Faculty of Electrical Engineering
and Informatics



Samirawit Fetene Gilgel
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Sarah M. A. Wahba Elkheshin
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Tegsh-Amgalan Bolor-Erdene
Faculty of Electrical Engineering
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Tra My Tran
Faculty of Electrical Engineering
and Informatics



Yassine Haouet
Faculty of Electrical Engineering
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Yue Luo
Faculty of Electrical Engineering
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Tushig Bat-Erdene
Faculty of Electrical Engineering
and Informatics



Utkarsh Kumar
Faculty of Electrical Engineering
and Informatics



Zhala Baghirova
Faculty of Electrical Engineering
and Informatics

Faculty of Transportation Engineering and Vehicle Engineering



The Faculty of Transportation Engineering and Vehicle Engineering (founded in 1951) has been training engineers in transportation, vehicle engineering and logistics. There are three basic specifications:

- BSc in Transportation Engineering (only in Hungarian),
- BSc in Vehicle Engineering (only in Hungarian),
- BSc in Logistics Engineering (only in Hungarian),

As the second stage of the linear training courses (BSc), there are four master training courses (MSc):

- Transportation Engineering master specialty (Hungarian and English),
- Vehicle Engineering master specialty (Hungarian and English),
- Logistics Engineering master specialty (Hungarian and English),
- Autonomous Vehicle Control Engineer (only English).

With adequate BSc qualification, certified engineering qualification (MSc) can be obtained in 2 years (4 semesters) at these master training specialities. All the fundamental and complementary education continued by the Faculty is carried out under the rules of the ECTS (European Credit Transfer System).

↓ The doctoral certificate of Kálmán Kandó



The ornamental chain of the Faculty of Transportation Engineering and Vehicle Engineering

Farewell message

on behalf of the Faculty of Transportation Engineering and Vehicle Engineering



Dear graduates, colleagues, family, and friends,

Congratulations to you all. I would also like to thank all of the staff who have worked tirelessly to help all of you students and have worked exceptionally hard. They are the heart and soul of this University, as they are fully committed to our mission of continuously improving the education level. Your teachers have served as both teachers and colleagues and as mentors and friends in these challenging days.

We are here to award our graduating students' diplomas, which we will do shortly. The basic idea that all of you learnt here is that you should focus on what you are doing and precisely know what you are not knowing. We were committed to providing our students with the best possible education to prepare them for their future careers in transportation or vehicle engineering.

To meet the needs of our students and future employers, the faculty members are constantly thinking about how to improve what they teach. Employability is central to our program, and to equip our students to meet the industry's challenges, we need to provide them with appropriate practical lessons and enhance their understanding through experiential learning. To support these aims, we also need to examine and recreate the knowledge base that informs our teaching, and thus research is increasingly becoming essential to our program.

Finally, I hope you enjoyed your time, learnt a lot, and will be able to use the knowledge that you gathered here wisely.

"The only true wisdom is in knowing you know nothing." — Socrates

Dr. Ádám Török

Vice-Dean for Scientific and International Relations,
Faculty of Transportation Engineering and Vehicle Engineering





Prof. István Varga
Dean, Faculty
of Transportation
Engineering
and Vehicle Engineering



Dr. Ádám Török
Vice-Dean, Faculty
of Transportation
Engineering
and Vehicle Engineering

Faculty of Transportation Engineering and Vehicle Engineering - MSc



**Avijnath
Gangiseti**



Aya Malih



**Azilya
Kairmagambetova**



**Carlos Alberto
Aragon Flores**



**Chinedu Amabel
Okolie**



**Eldar
Shaikhmetov**



Ezgi Denli



**Hajar
Huseynova**



Prof. István Varga
Dean, Faculty
of Transportation
Engineering
and Vehicle Engineering



Dr. Ádám Török
Vice-Dean, Faculty
of Transportation
Engineering
and Vehicle Engineering



Faculty of Transportation Engineering and Vehicle Engineering - MSc



Jiacheng Xiong



Jianan Yang



**Jordi Celestino
Zarate Santiago**



Sovhok Fang



Takaya Murakami



**Vitória Prevedente
Pereira**



**Wael Mousa A.
Abugharbiyeh**



Zijian Li

Faculty of Transportation Engineering and Vehicle Engineering



Azilya Kairmagambetova
Faculty of Transportation Engineering and Vehicle Engineering



Carlos Alberto Aragon Flores
Faculty of Transportation Engineering and Vehicle Engineering



Avijnath Gangiseti
Faculty of Transportation Engineering and Vehicle Engineering



Aya Malih
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Chinedu Amabel Okolie
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Takaya Murakami
Faculty of Transportation Engineering
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Vitória Prevedente Pereira
Faculty of Transportation Engineering
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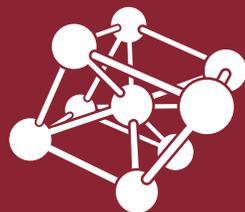
Wael Mousa Abdallah Abugharbiyeh
Faculty of Transportation Engineering
and Vehicle Engineering



Zijian Li
Faculty of Transportation Engineering
and Vehicle Engineering



Faculty of Natural Sciences



The Faculty of Natural Sciences employs about 250 full and part time faculty members. The Faculty provides classes in Physics, Mathematics and Cognitive Science and is committed to meet the needs of its own and other faculties.

Courses are offered on BSc, MSc and PhD degree levels. The Faculty provides post-graduate scientific training as well.

Currently more than 100 PhD students are pursuing personal programs in different areas of sciences. The Faculty also offers short courses on specific topics of current interest.

The Faculty of Natural Sciences administers its own BSc and MSc programs in Physics, Mathematics, Applied Mathematics and Cognitive Science. A continuing educational program is also offered in Reactor Physics and Reactor Technology. For many years the “Eugene Wigner International Training Course for Reactor Physics Experiments” was also organized on a yearly basis.

The BSc in Physics program, a traditional curriculum, leads to a BSc degree in 6 semesters. The facilities and scientific-tutorial background of the Institute of Physics and the Institute of Nuclear Techniques offer unique opportunities in areas like low temperature physics, acousto-optics, holography, nuclear techniques or medical physics. A further advantage of our Physics BSc Program is the engineering background provided by the Budapest University of Technology and Economics. From the fourth semester students can choose specialized courses in the topic of Advanced mathematics, Advanced physics, Computer programming, Optics, Material science, Nuclear technology, and Medical physics.

In 2023, we started a new, 7 semester long BSc program in English, “physicist-engineer”, offered for international students, too. The program focuses on rapidly developing technological areas, such as quantum and nanotechnology, data science, and artificial intelligence, photonics, quantum optics and materials science, sustainable energy, and nuclear technology. Several companies endorse with the program to provide internship and possible future employment for the prospective graduates. The starting year of the program turned out to be highly successful with more than 70 students enrolled, above the original expectations.

In additional 4 semesters an MSc in Physics degree can be earned. This program provides comprehensive knowledge, built upon strong theoretical and experimental bases in four areas of specialization. Students who choose the specialization “Physics” get acquainted with theoretical tools of modern physics and with state-of-the-art experimental methods. In addition to the obligatory courses, students can choose specialized professional courses in the topic of Quantum physics, Solid state physics, and Statistical physics. The additional three specializations are Nanotechnology and material science, Optics and photonics, and Nuclear technology. From 2024, we start the Medical physics MSc program as an independent curriculum in response to the ever increased demand for graduates in this domain. A post-graduate PhD program in Physics is available in all domains offered in the MSc program.

The BSc in Mathematics program, a traditional curriculum, leads to a BSc degree in 6 semesters. This program is recommended first of all to those who are interested in a deeper understanding of some branches of mathematics and in doing theoretical research and are probably going to continue their studies in a Mathematics or an Applied mathematics MSc program. Moreover, the BSc program is also recommended to students who are eager to apply their knowledge in industry or finance.

In additional 4 semesters an MSc in Mathematics or MSc in Applied Mathematics degree can be earned. A large variety of subjects are offered in the MSc in Mathematics, covering the topics algebra and number theory, analysis, geometry, probability theory and statistics, discrete mathematics, operations research. There is a large flexibility in choosing subjects according to the personal interests of the students.

In the MSc in Applied Mathematics program the students who choose the “Applied Analysis” specialization will meet applications of mathematical analysis in natural sciences, finance and industry. Graduates from the “Operations Research” specialization are able to create models for problems in controlling systems or optimization. Students who specialized in “Financial Mathematics” can analyze financial processes or insurance problems and are able to interpret the results. Graduates from the “Stochastics” specialization can recognize and study random laws in various phenomena. The language of courses of the specializations “Applied Analysis” and “Operation Research” is Hungarian, while the specializations “Financial Mathematics” and “Stochastics” is English.

MSc in Computational and Cognitive Neuroscience program is currently available only in Hungarian. The aim of this master program is to train researchers skilled in complex analysis of human cognition and knowledge relying on the methods of science. Students may complete courses in all major domains of cognitive science including cognitive psychology, neuroscience, linguistics and the philosophy of science. Students will be equipped with both theoretical knowledge and practical skills such as statistical analysis and research ethics. Graduates will be able to carry out researches in various areas of cognitive science combining theoretical insights and methods of biological (neuroscience, experimental psychology, developmental studies), and formal (mathematics, logic, philosophy of science, linguistics) disciplines. Graduates’ competences allow them to undertake doctoral studies, and to work in a variety of applied domains including medicine, biotechnology and education.

The Institute of Nuclear Techniques organizes several postgraduate degree programs. The two-semester Nuclear Power Plant Operation program and the four-semester Reactor Technology and the Nuclear Technology Management programs are offered to professionals working in the nuclear industry. The professional subjects include e.g. reactor physics, thermohydraulics, radiation protection, radiochemistry, reactor technology, nuclear safety and laboratory experiments. The Nuclear Technology Management post-graduate degree program combines nuclear technology and management knowledge and skills. This specific program has been endorsed by the International Atomic Energy Agency as 7th in the World.

The Institute of Nuclear Techniques organizes – or participates actively in the organization of – several international courses as well. Worth mentioning are the HUVINETT (Hungarian Vietnamese Nuclear Engineering Train the Trainers) courses, where more than 150 Vietnamese educational professionals attended. In addition, the participants of the training courses offered by the international EERRI consortium (Eastern European Research Reactor Initiative) perform experiments in the Training Reactor of BME. In this consortium institutes of 5 Eastern European countries cooperate, with the organizational and financial aid of the International Atomic Energy Agency (IAEA).

Farewell message



on behalf of the Faculty of Natural Sciences

Dear Graduating Students, Ladies and Gentlemen,

At this short ceremony, we hand you your well-deserved diploma. You certainly keep it in mind that there has been a long, persistent work behind it. It had taken you a lot of effort, hard work, completing homeworks, tests, project assignments, and exams, writing a thesis. You gained a wealth of new knowledge in the meantime and you got enriched with a number of new skills. Your success involves, of course, the dedicated work of your mentors and professors. In the background, your parents, relatives and friends were always there helping you through the difficulties. A special thank should go to them now.

You are now starting your career in a world that is changing at an amazing pace. It is full of challenges for the mankind including how to provide sustainable development in several areas, how to found a circular economy, how to fight off climate change.

When studying Mathematics or Physics you got used to an abstract way of thinking and acquired complex problem-solving skills. This will help you in a wide range of fields – sometimes seemingly far from Mathematics and Physics – to have a view of certain problems that focused experts of the field might not have. While this is a chance, it is also a responsibility to look for the best solution, to keep track of all possible outcomes and to promote a logical way of thinking wherever you are. Please remember that the knowledge and the skills you acquired at the BME should always serve to build a better world around you. We hope that your knowledge will help you contribute to the above-mentioned global challenges.

We sincerely hope that you have attained a positive attitude toward Hungary, our food and customs and that you are holding a lot of good memories. We encourage you to retain the contact with your former professors, we are eager to get in touch with you as professionals in the future.

On behalf of the staff of the Faculty of Natural Sciences, I congratulate you on your graduation. We are all glad for your beautiful success. We wish you good luck, recognition and much joy for your further work and studies.

Prof. Attila Aszódi

Dean

Faculty of Natural Sciences





Prof. Attila Aszódi
Dean, Faculty
of Natural Sciences



Dr. Anna Babarczy
Vice-Dean, Faculty
of Natural Sciences



**Armanbyek
Soltanmurat**



So Murata

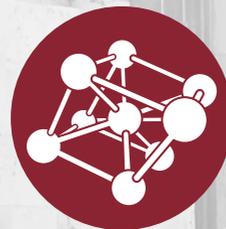


Sokly Lorn

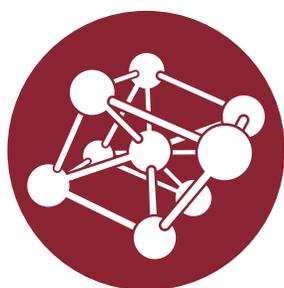


**Vitor Rocha
de Oliveira**

Faculty of Natural Sciences - BSc



Faculty of Natural Sciences



Sokly Lorn
Faculty of Natural Sciences



Vitor Rocha de Oliveira
Faculty of Natural Sciences



Armanbyek Soltanmurat
Faculty of Natural Sciences



So Murata
Faculty of Natural Sciences



Faculty of Economic and Social Sciences



Based on the long tradition of providing education in the fields of economics, management, and social sciences, in 1998 the Budapest University of Technology and Economics established a new faculty, the 'Faculty of Economic and Social Sciences' employing 300 instructors and researchers. Parallel to the traditional five-year university training, the two-cycle system of the Bologna model (for BSc/BA and MSc/MA degrees) was introduced in 2006. The accredited full-time degree programmes in Business and Economics, Engineering Management, Management and Leadership, Finance, Communication, Regional and Environmental Economics, and Media Studies, Teachers Training in Vocational Fields are carried out according to the latest European standards. Besides its training programmes, the Faculty co-operates closely with all the engineering faculties of the University providing courses in management, economics, social sciences, languages, and physical education.

The Faculty of Economic and Social Sciences pays special attention to the integration of theoretical and practical knowledge in its curricula and the Faculty has established strong professional relationships with the participants of various economic fields (profit and non-profit oriented institutions, banks, etc).

Education and Research Activities

The total number of participants of different graduate-, postgraduate and distance learning forms of training launched by the faculty is about 4500. The number of full-time students of basic training of the faculty itself has been increasing.

BME GTK offers several Master's programmes (Master in Management and Leadership, Master in Finance, Master in Regional and Environmental Economics, Master in Engineering Management) as well as a Business and Management Ph.D programme in English for both international and Hungarian students.

Our programmes focus on interdisciplinary themes, as well as on economic, technical and social innovation to equip our students with the most relevant and up-to-date knowledge and skills to tackle the rapidly changing business and social environment of the coming decades.

One of our outstanding international and disciplinary broadening programme is the Intensive Seminar Program, which have been offered since 1996 to our master students. During the one-week-long programme, international and local experts are invited to deliver thought-provoking lectures about key challenges of leaders in different industries and business functions.

Languages, translation and interpreting

The Centre for Modern Languages offers a wide range of opportunities for the development of language skills. French, German, Italian, Spanish and Hungarian as a foreign language are taught at levels from A1 to C1. Courses are also offered in Languages for Specific Purposes (LSP), such as Professional Writing, English for University Studies, Business English, Deutsch im Unternehmen, etc. The Centre is also hailed as one of the leading translator and interpreting centers. Training in translation and interpreting is offered after BA or BSc level, in both full-time, part-time and distance learning, in five language pair combinations. Students can also sit for accredited language exams from B1 to C1 level, at the BME Language Examination Centre.

Physical Education

The University offers a wide range of curricular and extra-curricular forms of physical education. The Department of Physical Education co-operates with the University Sports Club and other student sports organizations.



Farewell message

on behalf of the Faculty of Economic and Social Sciences



Dear Graduating Students, Dear Young Colleagues,

First of all, on behalf of all members of the Faculty of Economic and Social Sciences (GTK), I would like to congratulate you on your successful graduation.

The GTK is one of the youngest faculties of the University although its history dates back to the early years of the last century. By establishing the first Faculty of Economic Sciences in 1934 in the country, the Hungarian Royal Palatine Joseph University of Technology and Economics, the predecessor of BME, has pioneered social sciences education in Hungary. Apart from providing degrees in economics and business studies, the Faculty also played a role in teaching students of the engineering faculties of the university.

The Faculty provides an educational experience that fits into the interdisciplinary environment defined by the engineering faculties at the university. At present, the Faculty has more than 3000 students studying in 6 undergraduate (BA/ BSc), 11 graduate (MA/MSc), and one doctoral programme (Ph.D.) taught by more than 100 professors in the fields of economic and social sciences. Four of our master's degree programmes (Engineering Management, Finance, Management and Leadership, Regional and Environmental Economics) and the Ph.D. programme belong to the English language education portfolio of the Faculty.

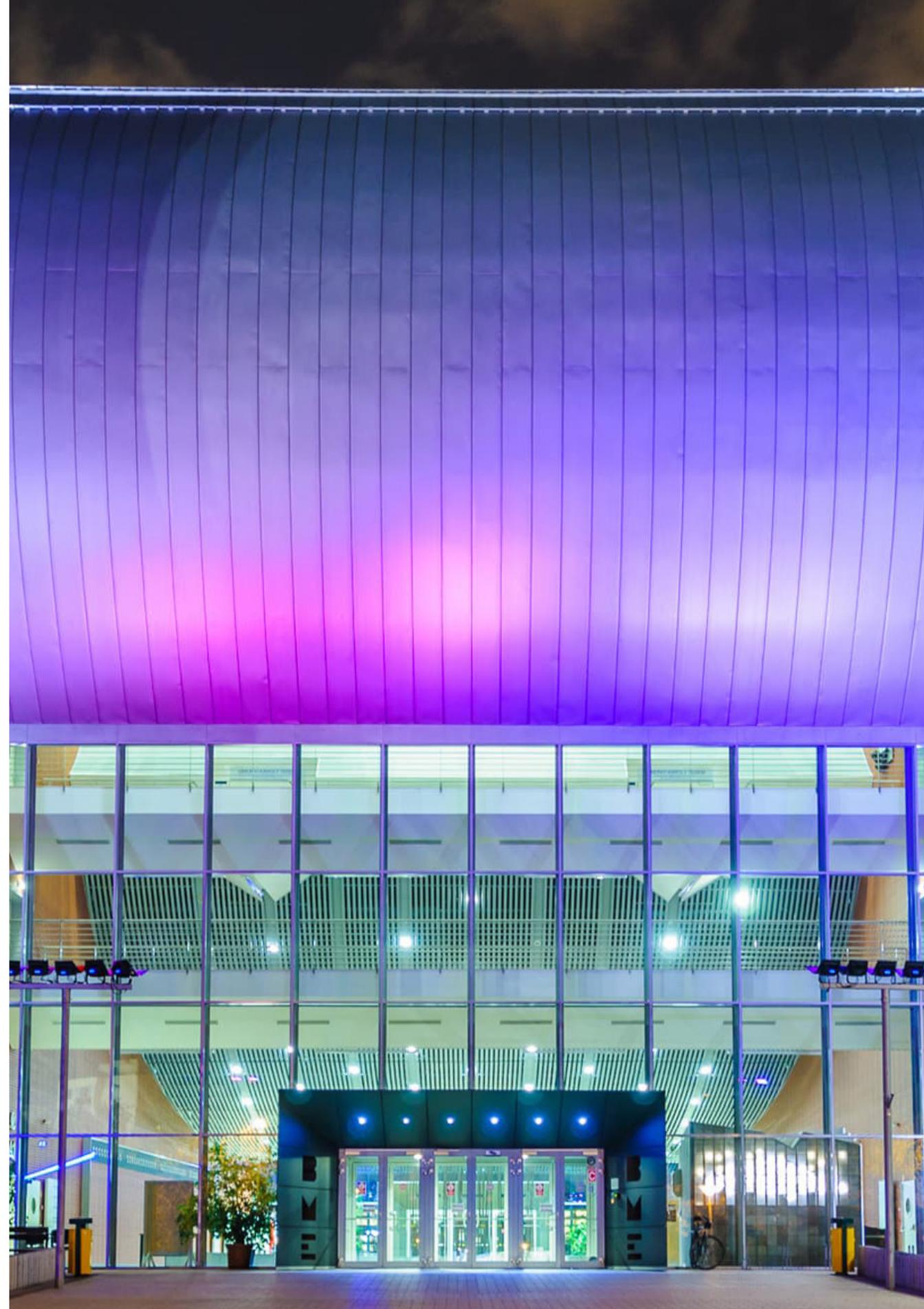
Building upon the rich heritage of our Faculty and BME, our mission is to contribute to the solution of the societal challenges of the 21st century by facilitating cross-disciplinary learning and collaboration across the engineering, natural science, and social science domains represented by the eight faculties of BME. The close cooperation with engineering and natural science faculties helps to foster the synergies between technology, economic and social sciences and motivate the integration of modern technologies into the curriculum. To enhance excellence in management education and development we are members of the European Foundation for Management Development (EFMD), the UN PRME (Principles for Responsible Management Education), the Global Association of Risk Professionals (GRASP FRM), and the CFA Institute.

Our programmes emphasize innovation, encompassing both technical and social aspects, to provide our students with the most pertinent and current knowledge and skills. This ensures they are well-prepared to address the swiftly evolving business and social landscape in the responsible and effective management of the upcoming decades. I hope that due to your knowledge and skills you can participate in the transformation and use your skills to find the solutions for the recent and upcoming challenges. I do not only wish you success in your professional life but also an open mind to understand the complexity of the world and perseverance to make it better.

Dr. Mária Szalmáné Csete

Associate Professor, Vice-Dean for International Affairs

Faculty of Economic and Social Sciences





Prof. Tamás Koltai
Dean, Faculty
of Economic
and Social Sciences



**Dr. Mária Szalmáné
Csete**
Vice-Dean, Faculty
of Economic
and Social Sciences



Faculty of Economic and Social Sciences - MSc



**Ahmad Fathi M.
Al Araj**



**Andi Gabriel
Villacis Navas**



**Anna Sarolta
Kolonics**



Gréta Varga



Gunel Bashirzade



**Gunel
Jumshudova**



Jeyhun Abbasov



**Kula Harris
Brownell**



**László Artúr
Perlusz**



Lihua Huang



Lin Sun



**Lizeth Guadalupe
Lamas Lopez**



Prof. Tamás Koltai
Dean, Faculty
of Economic
and Social Sciences



**Dr. Mária Szalmáné
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Faculty of Economic and Social Sciences - MSc



Pawan Kumar



Petra Tarsoly



Qiwen Luo



Rita Vasók



Sevinj Abbasova



Shamil Ismayilov



**Thabang Rasehla
Aphane**



Xiaoqi Yu



**Yevhen
Dorokhov**

Faculty of Economic and Social Sciences



Anna Sarolta Kolonics
Faculty of Economic and Social Sciences



Gréta Varga
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Qiwen Luo
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Rita Vasók
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Thabang Rasehla Aphane
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Xiaoqi Yu
Faculty of Economic and Social Sciences



Sevinj Abbasova
Faculty of Economic and Social Sciences



Shamil Ismayilov
Faculty of Economic and Social Sciences



Yevhen Dorokhov
Faculty of Economic and Social Sciences

Graduates of the Budapest University of Technology and Economics



Faculty of Civil Engineering

Abdukhalik Ulamkadirov
 Alzhan Rinatov
 Amila Isanovic
 Aruzhan Ashamanova
 Bakhtiyar Nurym
 Bui Duc Loc Dang
 Carlos Antonio Armas Navarrete
 Dickson Mwangi Ndegwa
 Francis Rainas Mafuru
 Gabriel Fernandes Coelho Chagas
 Gergely László
 Ghida Saleh
 Godwin Bandawa Emmanuel
 Inkar Madikyzy
 Kaisabek Oralbekov
 Kamila Sartayeva
 Kamilla Virág Buják
 Khaknazar Bolat
 Kimleng Oeur
 Malik Umer Farooq
 Marco Emilio Brito Silva
 Marko Kukavacic
 Matome Casley Modiba
 Mergen Gantsog
 Misheel Ganzorig
 Mohammad Khalid Helmi Shaheen
 Petra Valéria Papcsák
 Roman Stikhaenko
 Sainjargal Tumendemberel
 Samson Ojuma Odwali
 Sarah Wathiq Taha
 Sonia Kemunto Morara
 Syed Ali Hamza Bukhari
 Syed Shadman Sakib
 Temuulen Arvinbuudai
 Yan Medeiros Da Cruz
 Yersaiyn Nyssanov
 Zhasmina Kuandyk

Faculty of Mechanical Engineering

Abdullah
 Abel Galatia Kristiawan
 Adem Nemouchi
 Aldiyar Zhangulov
 Ali Isayev
 Anar Abdurahmanli
 Anas Ali Ali Ali Sakr
 Anas Jamal Almanasreh
 Andrew Emad Shawky Seha
 Davaasuren Yondonjamts
 Fadi Ra'uf Bandalay Aleassa
 Fuad Rahimli
 H M Shah Paran
 Hasan Kamil Abbas Al-Gburi
 Islanya Aguiar Maciel
 Jai Jitendra Bwade
 Juan David Bendek Williamson
 Mohamed El Amine Chaabane
 Mohammad Ibrahim Abdallah Aljbour
 Qais Tareq Adeeb Al-Madanat
 Raja Taha Khan
 Renan Wesley Domingos Elias
 Ruslan Akbarzade
 Samar Mani
 Shahmar Valizada
 Syed Asjad Ali Bukhari
 Taha Muhand Ganuni
 Thanh Tuan Nguyen

Faculty of Architecture

Ahmad Aldebsi
 Aleksa Grgurovic
 Artine Arifi
 Asude Ozmen
 Buse Naz Yardimli
 Candas Demir
 Estéfani Marx
 Haoxin Guan
 İlaydanur Karatas

Jonathan Jay Aldebsi
Luming Peng
Mai Hisham Bahig Hassan
Masoud Ansari
Namuundul Gantumur
Ömer Nuray
Rand Sukkar
Salah Ahmed Mohammed Al-Gamal
Tianpei Zhou

Faculty of Chemical Technology and Biotechnology

Alimkhan Otynbay
Alina Tilekkabylova
Bayan Ibragimbekova
Chinda Thavivanh
Danillo Barbosa Leao Cavalcanti
Dennis Patricio Loachamin Maldonado
Dorde Vukadinov
Eunji Jung
Hoang Thanh Truc Tran
Madina Saulenbekova
Qinpeng Song
Sheng Luo
Tetiana Riznychenko
Tri Hieu Nguyen
Wendy Estefanía Dávila Arteaga
Yaseen Ahmed Nafea Abo-Tabik

Faculty of Electrical Engineering and Informatics

Achref Mekni
Adilet Serikbay
Ahmed Kenawy Maray Zahran
Ahmed Mohamed Fathy Mohamed Mousa
Ahmed Z.A.Ahmed
Ainur Aman
Alima Batyrkan
Amgad Naji Ali Ahmed
Belal Ahmed Elsayed Elsayed Shaaban

Burak Colak
Chaima Ben Abdelwahed
Dayi Dongfang
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Diab Abdulsalam Moqbel Nasser
Dias Mussin
Dina Bouallegui
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Md Abdullah Al-Hysam
Mennatallah Mohamed Abdelrahman Elmelegy
Merhawi Tsegay Ghebregziabiher
Michel Anoushe
Mohamed Said Ahmed Abouzabady
Mohammed Emad Mohammed Shafeeq Yasseen
Mohammed Qusay Fathi
Mohid Ahmed Janjua
Mostafa Said Mostafa Mohamed Gad
Muhammad Ashiq
Mujtaba Hussain Razvi Syed
Narek Nazari
Nazrin Ibadli
Ogulnazik Atajanova
Ömer Halit Cinar
Rashid Ashaf Prangon
Sahil Anjum Javaid
Samirawit Fetene Gilgel
Sarah Mostafa Ahmed Wahba Elkheshin
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Sovhok Fang
Takaya Murakami
Vitória Previdente Pereira
Wael Mousa Abdallah Abugharbiyeh
Zijian Li

Faculty of Natural Sciences

Armanbyek Soltanmurat
Huy Nguyen Khac
Marleen Annique Buitenhuis
Mykyta Symonenko
Sadig Amanli
So Murata
Sokly Lorn
Vítor Rocha de Oliveira
Yi Zong

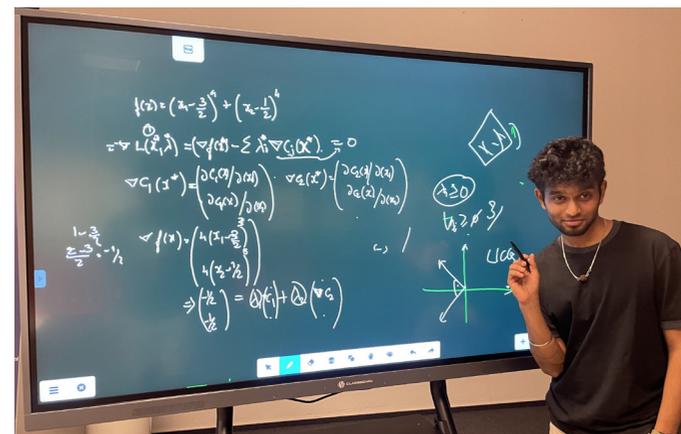
Faculty of Economic and Social Sciences

Ahmad Fathi Mohammad Al Araj
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Anna Mária Galovicsné Bajnóczi
Anna Sára Lukács
Anna Sarolta Kolonics
Elizaveta Cheremnykh
Fidan Samadzade
Gréta Varga
Gunel Bashirzade
Gunel Jumshudova
Jeyhun Abbasov
Kornél Aurél Kovács
Kula Harris Brownell
László Artúr Perlusz
Lihua Huang
Lin Sun
Linett Andrea Belányi
Lizeth Guadalupe Lamas Lopez
Mohamad Mrad
Olga Korzh
Pawan Kumar
Petra Tarsoly
Qiwen Luo
Rita Vasók
Sevgin Huseynova
Sevinj Abbasova
Shamil Ismayilov
Szonja Bernadett Bányai
Thabang Rasehla Aphane
Vivien Sztarasza
Xiaoqi Yu
Yevhen Dorokhov
Zsombor Török

Opening ceremony



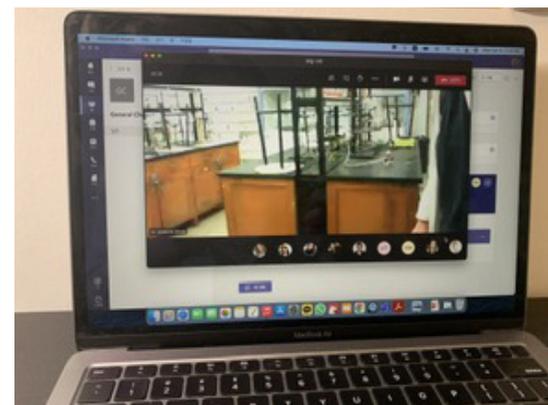
Student life at BME



“It’s hard to believe how quickly time has passed. Now it’s time to start the next chapter of my life, and I will always cherish the memories of this place.”
- Li Zijian



“ I have to mention the unity of international students during the hardest times! As an electrical engineering student I have to mention new technological revolution which is going on at the moment! During my time at BME my internal and external world drastically changed :) I “
- Pavle Kovacevic



“It was a once in a lifetime experience, I enjoyed everything about the faculty- its quality, great professors and program, new friends we’ve made and memories that I will forever hold with me. Even though I was away from home, Budapest and BME especially was a home away from home! ”
- Arifi Artine





“It was an eventsome two years full of tears and laughter. I think BME gave me an opportunity to develop in the field and also to make friends who stand by you when everything seems to go down.”
- Linett Andrea Belányi



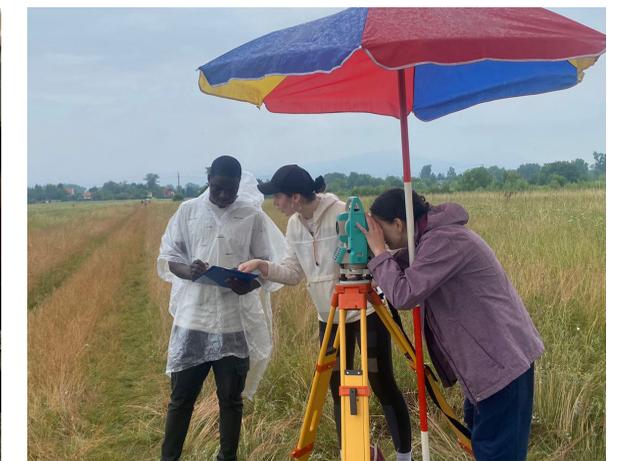
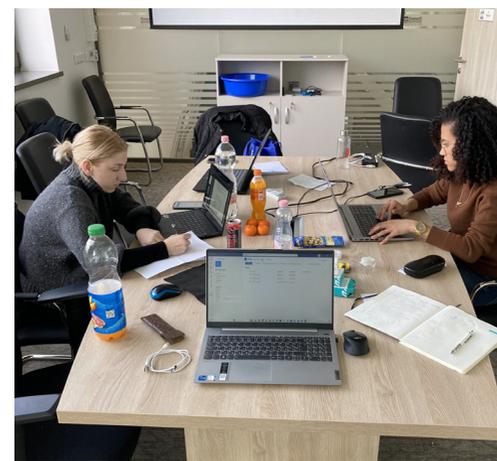
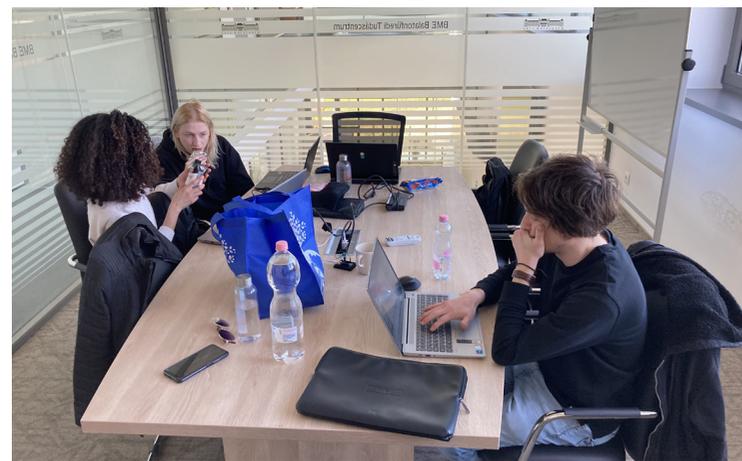
“At BME, the pressure we faced didn’t just come from the coursework itself. We transitioned from fearing challenges to embracing them, and ultimately, we gained more confidence in handling any situation.”
- Xiong Jiacheng



“Amazing experience studying architecture here in BME with all the ups and downs! 5 years passed away just in a blink, it feels like yesterday the day i started uni :) These years were not the easiest years of my life but i will remember it well. Thank you BME for everything!”
- Ilaydanur Karatas



“One of my fondest memories at BME was the late-night study sessions with my colleagues in the dorm, where we tackled challenging case studies and management scenarios together. The camaraderie and shared triumphs over coursework created lasting bonds that extended beyond graduation.”
- Brownell Kula Harris



University life at BME



“It was amazing when I arrived at BME and realized the significance of the university where I was going to study. Now, after it has completely changed my life and given me friends, I feel even more proud to be one of its graduates!”
- Renan Wesley Domingos Elias



“During my time at BME I have had the opportunity to make some very good friends. One memorable time was the week I spent with my fellow Masters students at Lake Balaton, studying and having fun!”
- Gabriel Fernandes Coelho Chagas



“My academic journey at BME has been challenging, yet it has been enriched by the invaluable friendships I have formed and the exceptional guidance provided by my supervisors and professors, who are always ready to offer their support and assistance”
- Thavivanh Chinda





“As a mom of two kids who came from Iraq, I embraced the challenges and opportunities, gaining invaluable insights that will shape my future endeavours. Studying for a master’s at BME University was a dream come true, and it marked a significant milestone in my academic journey.”
- Mahdi Ali Jamal



“During my university years, the campus felt like a world of its own, brimming with endless possibilities. Late-night study sessions in the library, fueled by too much coffee and shared laughter with friends, often turned into deep conversations about our dreams and fears.”
- Temuulen Arvinbuudai



“I want to thank all the people who were with me in this challenging but wonderful adventure called university life. I hope that everyone who was part of this journey will find themselves in this world.”
- Alimkhan Otynbay



“Studying at BME was challenging, but sharing the journey with my colleagues made it much smoother and more rewarding. It is a pleasure to have accomplished the goal of earning my master’s degree at BME. This achievement reflects our hard work, dedication, and the bonds we formed along the way.”
- Islanya Aguiar Maciel



Our life in Hungary



“It has been a great time with honest and kind people by my side, from studying at the library till spending time outside of the university.”
- Roman Stikhaenko



“One of the good memories is crossing the ‘Green’ Liberty Bridge after a long day spent studying at the library or after a tough test. It was a moment of reflection as well as another chance to discuss the remarkable beauty of the steel connections with friends :)”
- Kamila Sartayeva



“I am truly grateful for the hands-on experience I gained during the practicals on site (Surveying 2 with Ms Tuchband Tamas and practices from the Hydraulic department). These experiences have provided me with unforgettable memories and have made my learning journey truly enjoyable.”
- Kuandyk Zhasmina





“Financial wizardry by day, Budapest by night! BME’s intense Economist in Finance program pushed me to new heights, but the city’s hidden gems and late-night adventures with friends made Budapest truly unforgettable. The friendships forged in this blend of academic rigor and Budapest’s vibrant spirit will forever be cherished.”
- Pawan Kumar



“I really enjoyed spending time and learning with my peers at the BME’s boat house. The field courses and surveying classes were particularly interesting and practical. As a foreigner, studying abroad was challenging yet fascinating; I found friends who made BME feel like home. Attending the BME EELISA program was also a great opportunity, allowing me to study for a week at other universities abroad.”
- Inkar Madikyzy



“Studying at BME taught me valuable lessons in dealing with stress and the challenges of condensed exams. I learned the importance of cooperating with classmates to succeed. The university opened up great opportunities for future employment and allowed me to meet many wonderful people. My time at BME was instrumental in my personal growth and self-improvement.”
- Hoang Thanh Truc Tran



“BME is the place where I grew up, from a little girl with big dreams to an adult with goals. I can’t believe we’re at the finish line. The last four years have been full of pleasant memories, cozy gatherings, deep conversations, and new acquaintances, as well as existential questions, sleepless nights, hundreds of drawings, deadlines, and exams. Our university made us believe that a person is capable of anything, the main thing is desire and goal. Hats off to all of you!”
- Ashamanova Aruzhan

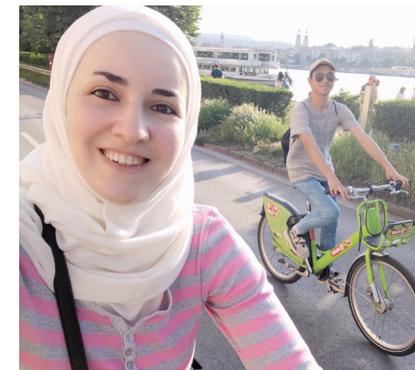




“One of my fondest memories of BME was preparing for exams in the building I, Q, E with my classmates. We drank coffee together and faced the pre-exam nervousness together. The support from professors and peers alike were invaluable, making the challenging coursework feel like a collaborative adventure. The vibrant campus life, filled with diverse cultural events, broadened my perspective and enriched my experience. These moments have left an indelible mark on my personal and professional growth.”
- Luo Yue



“The day I was accepted into the MSc program during a Skype interview. I remember this moment well and how happy and grateful I was”
- Rand Sukkar



“When I began my master’s studies at BME, I was initially shocked by the difficulty, despite my background as a teaching assistant and university professor in my home country. Overcoming these difficulties has given me exceptional technical strength and confidence in tackling intricate designs, I realized that suffering generates creativity and that nothing is impossible. I will never forget my university, BME, as long as I live.”
- Al-gamal Salah



“Once we had an extrusion lab and after that I decided to take the pile of plastic “noodles” left after it, it was big and colorful, and me and the other students pretended it was a living being and gave it a photo-session in the nearby park. Also I liked tableting labs, where we could produce our own pills. I still have a little plastic bag with a violet cellulose pills from such labs.”
- Riznychenko Tetiana



Good-bye

from
the BME Staff!



Department of International Relations: Bíbor Bánfiné Klekler, Dalma Demjén, Rita Marositsné Moldvay, Beáta Tóth-Csentős, Ádám Bajusz, Zsolt Lesetár



Department of International Academic Affairs: László Gergely Vígh, Renáta Daru-Dudás, Eszter Tóthné Mischl, Dénes Oross



Department of International Services: Ádám Bajusz, Márton Wildner, Levente Bartha, Eszter Haraszti, Teréz Seregi, Rita Marositsné Moldvay, Róbert Szávuly



International Mentor Team: Georgina Garai, Dávid Pirityi



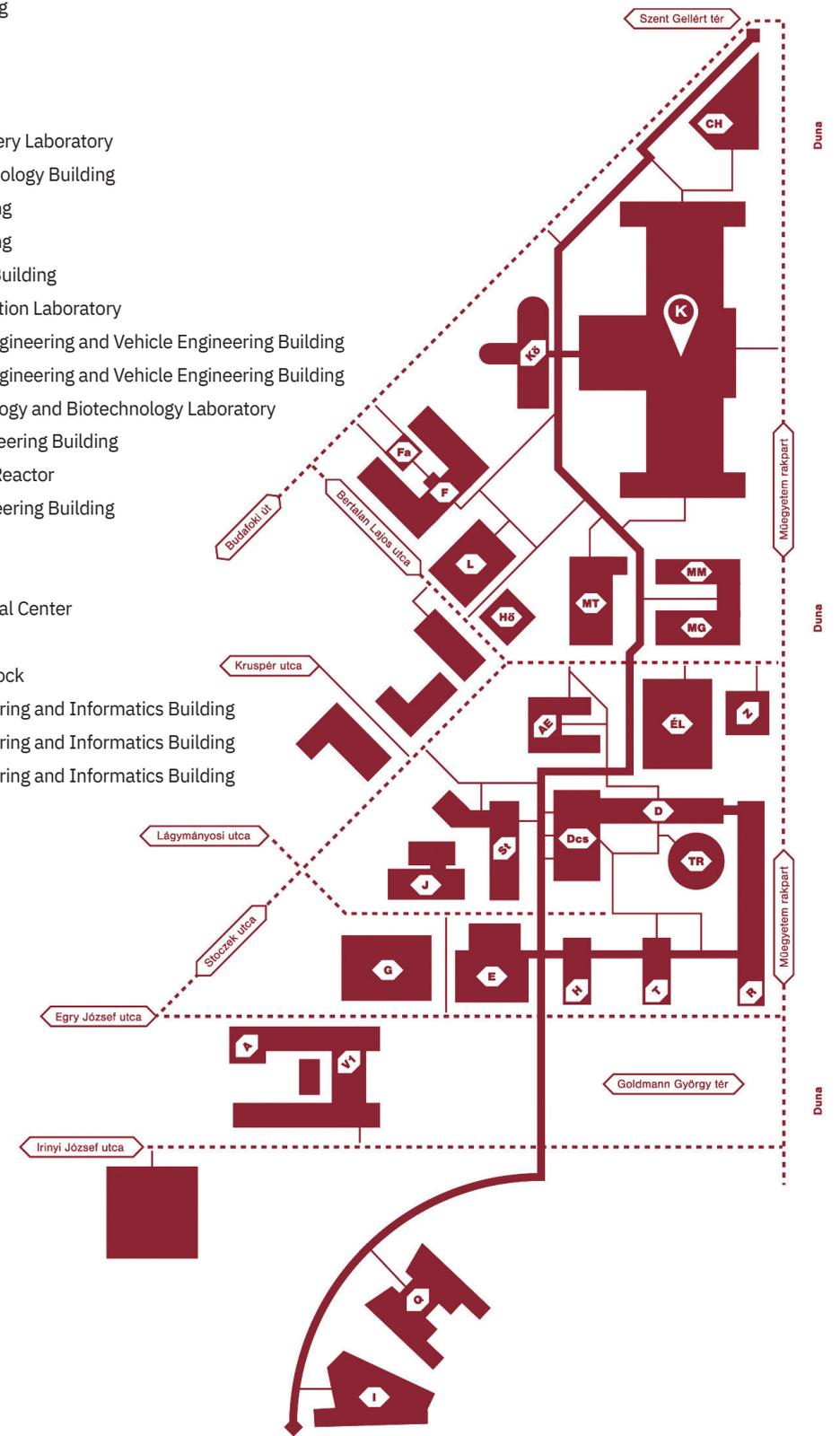
Faculty International Coordinators: Krisztina Kardos-Varga, Kata Jármí, Barbara Kissné Farkas, Judit Urbán, Dr. Zoltán Hell



Central Academic Office: Anna Lara Szedlák, László Kunsági, Hermina Feró, Emília Magdolna Szabó, Borbála Ruszin, Ágnes Csonka, Szilvia Strack, Zsanett Sztraka, Judit Eszesné Szilágyi, Nóra Gáspár, Éva Buza, Ágnes Kovácsné Farkas



- CH** Chemistry Building
- KÖ** Central Library
- K** Central Building
- F** Physics Building
- L** Hydraulic Machinery Laboratory
- MT** Mechanical Technology Building
- MG** Mechanics Building
- MM** Mechanics Building
- AE** Fluid Mechanics Building
- EL** Building Construction Laboratory
- ST** Transportation Engineering and Vehicle Engineering Building
- J** Transportation Engineering and Vehicle Engineering Building
- DCs** Chemical Technology and Biotechnology Laboratory
- D** Mechanical Engineering Building
- TR** Nuclear Training Reactor
- G** Production Engineering Building
- E** Classroom
- H** Classroom
- T** Classroom, Medical Center
- R** Classroom
- A** Administration Block
- V1** Electrical Engineering and Informatics Building
- Q** Electrical Engineering and Informatics Building
- I** Electrical Engineering and Informatics Building



Throughout its 242 year existence, the Budapest University of Technology and Economics has been an influential force in Central European higher education. Since its foundation as the Institutum Geometricum in 1782, the university has welcomed domestic and foreign students alike. It is one of the most prestigious institutions of engineering education in the region, and the flagship university for the training of engineers and social scientists in Hungary. Several world famous scientists, including Nobel Prize laureates and many household names, call the Budapest University of Technology and Economics their alma mater. The diploma certificates issued by the university are well known and respected across the globe.

Presently, the university consists of eight faculties, covering six fields of engineering sciences, as well as natural sciences and social sciences. As always, the aim of the university remains to provide excellent standards of education to train the experts of the future.

BME Graduates' Yearbook
Academic Year 2023-2024 · Volume 2

