

UNIVERSITY OF
NYÍREGYHÁZA

Courses in English

Study Programmes and
Courses in English

SZÉCHENYI 



HUNGARIAN
GOVERNMENT

European Union
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INVESTING IN YOUR FUTURE



RECTOR'S WELCOME



On behalf of the management of the University of Nyíregyháza, let me bid you a warm welcome on the official website of our institution. The University of Nyíregyháza, as one of the outstanding universities in the landscape of universities of applied sciences in Hungary, does not just offer high-quality teaching and research but also a personal approach to students, a vibrant students' life as well as an unparalleled infrastructure.

Our university plays a vital role in the Hungarian higher education sector outside of Budapest and is one of the most important intellectual hubs of the city of Nyíregyháza, county Szabolcs-Szatmár-Bereg and the entire region.

Being one of the state-of-the-art and most popular universities of Hungary, at present we accommodate almost 4,000 students in a beautiful and intellectually inspiring environment. Our university, established by merger of two predecessor institutions in 2000, has accepted the challenges of the 21st century, implementing an education and infrastructure development programme which has made us nationally and internationally known. The building complex of our campus as well as the innovation associated with it, were awarded first prize at the architecture world competition of FIABCI and Wall Street Journal in the category of "public buildings" in 2009.

In the institutes of our university, future experts are educated in the areas of humanities, teacher training, social sciences, economics, art education, engineering, agricultural science, computer science, natural and sports sciences. Placing a high value on improving the life quality of our special-needs students, our university is accessible in its entire area. To us, the key to success is expressed by our motto: "Knowledge of generations—For generations". Due to the high quality and the hands-on approach of our teaching activities, our students receive an expertise that makes them succeed in the labour market.

Since the University of Nyíregyháza seeks to become an international university we provide our international students with a package of all-round assistance related to their studies and later graduation. We also warmly welcome our international partners, teachers and researchers, in order to strengthen and propagate science without borders.

We would be happy to welcome you soon as one of our students and shake your hand at the opening ceremony sending out the message: "Congratulations, you have made the right decision when you have chosen the University of Nyíregyháza."

Dr. habil. Erika Vassné Figula
Rector



**DEAR
READERS,
DEAR
YOUNG PEOPLE,**

As a Mayor, I am always pleased when young people from abroad arrive to study in our city. They can not only return home with a more open-minded perspective and unique experiences but they can also take back the renown of our city and Hungary to their mother country.

Nyíregyháza is a youthful and dynamic city with several educational, cultural and sports institutions, well-kept public spaces, tremendous programmes. As a county seat, it is Hungary's 7th largest city with a population of 120,000, yet it is a calm, friendly and cozy settlement. If I wanted to convince the young that Nyíregyháza is 'a cool place', I could enumerate my reasons for a long while, but let me just give you a taste of it.

The standards of our educational institutions, secondary schools and universities are well-known; the high-quality vocational training and the more and more popular dual education system are alluring not only to students but to entrepreneurs and investors as well. It is not mere chance that global companies such as LEGO, Electrolux or Michelin have their plants here.

Students studying in Nyíregyháza can choose from various cultural, entertainment and sports events. Whether you prefer plays at the theatre, going to the cinema, quality museum events or maybe festivals and city occasions, you have a wide range of choices. In the city centre well-tended parks, snug cafés, restaurants and pubs await the visitors.

If you have the chance to visit Nyíregyháza, in Sóstó, you must see the Aquarius Spa and Wellness Centre, the Park and the Lake Spas, you cannot miss the attractions of the Sóstó Zoo or the sights that conjure up images of the past in the Sóstó Museum Village.

Sports enthusiasts can live their passion at public sports facilities, on the city centre's tartan running track, in open-air work-out parks, in swimming pools, on an ice-skating rink, and, furthermore, on an extreme-sports circuit. The Sóstó Forest, Lake Sóstó and their surroundings are also appealing locations for excursions. For those who feel like wandering around on a bike, there are 60 kms of cycle track. Nyíregyháza is a good place for young people, it is a proper place to study and work; the people from

Nyíregyháza have a lot to say about why they like living in this city.

Anyone who has ever visited and got to know Nyíregyháza thoroughly - as a tourist or as an exchange student - must have experienced all those things, as well as the open-mindedness and hospitality of the locals. I encourage everyone who has not visited Nyíregyháza to make up for it and visit us once in the future.

Until then, you can get informed about every current programme in Nyíregyháza on our website www.nyiregyhaza.hu, where you can click on 'About Nyíregyháza' on the menu and there you can read about our city in English as well.

Dr. Ferenc Kovács
Mayor

Why to choose Hungary?



Hungary is a relatively small country, its area is 93,000 km². It is located in the Carpathian Basin in Central Europe. The country is bordered by seven countries: Slovakia on the North; Ukraine and Romania on the East; Serbia, Croatia and Slovenia on the South and Austria on the West.

Population ca 10 million. Our country is at the heart of Europe, it is a good place to explore the continent. The cost of living is lower than in other EU countries. Hungary is a relative safe country with very low crime rate.

Hungary's longest river is Tisza with its 530 kilometres. The second longest river is the Danube, 416 kilometres long within the country. The biggest lake in Hungary and also in Central Europe is Lake Balaton with its 595 km².

Its capital is Budapest (for a map of Budapest visit). Hungary is a member of the European Union and Schengen Agreement.

Language: Hungarian.
Time zone: CET (GMT+1).
The Hungarian currency is Forint: 1 EUR ~ 330 HUF.

Useful website:
www.hungary.com

CLIMATE OF HUNGARY

Hungary has a continental climate.

Winters are usually cold, cloudy and humid.
average temperature between:
-15 and 0 °C
Summers are warm
average temperature between:
27 and 35 °C



NYÍREGYHÁZA

Nyíregyháza is a city in northeastern Hungary and the county capital of Szabolcs-Szatmár-Bereg. With a population of 118,000, it is the seventh-largest city in Hungary and is one of the leading cities of Northern Hungary and of the northern part of the Great Hungarian Plain (Alföld). Its development has been ongoing since the 18th century, making it the economic and cultural center of the region. It is located in the center of Nyírség as an agricultural town. Today, the largest public companies are the LEGO Manufacturing Kft. and the Michelin Hungaria Abroncsgyártó Kft., providing employment for about 3000 people. It is 49 km far from the second largest city of Hungary Debrecen. Debrecen has an international airport, you can reach it via direct Lufthansa and Wizz Air flights.

Nyíregyháza also has several museums and exhibitions, showing the city's rich cultural heritage. Some of the most popular attractions can be found north of the city in the suburb of Sóstó. The city is mostly looked over by American and British tourists, though often visited by Polish, Ukrainian, Romanian, and certainly Hungarian visitors. The city is mostly devoid of must-see attractions, though you can take many pleasant walks with the squares and parks or see an exhibit or two. You will most likely want to spend most of your time in Sóstó to see the excellent Open Air Museum and the lake.

By summing up the town's history in a nutshell it can be said, that according to archaeological finds, the area of the town has been inhabited since the 10th century. In spite of this, it is still considered as a relatively young settlement, as the real changes took place during the 18th century. Slovakian settlers (also called 'tírpáks') arrived in 1753 and lived on the so-called 'bush farms' around the town, establishing a peculiar settlement framework.



The most important event in the lives of the Nyíregyháza citizens was redeeming their complete freedom from the landowner's rule in 1824. As a result, in 1837 Nyíregyháza was awarded a town status. Today an atmospheric and nice town with a bubbly life greets the visitors. Parks, squares, large green spaces, modern and old buildings shape the town's look, which managed to keep its old, intimate feel.



Drive time to Nyíregyháza from Budapest: ca 2h 30 min, Vienna 5 h.

**Airports near Nyíregyháza · Budapest International Airport Liszt Ferenc (HU); Code: BUD – ca. 250 km
Debrecen International Airport (HU); Code: DEB – ca. 60 km
Košice International Airport (SK); Code: KSC – ca. 130 km**



More information: www.nyiregyhaza.hu

About the University of Nyíregyháza

The predecessors of the University of Nyíregyháza were institutions of higher education with national and international prestige, looking back on forty years of professional traditions and experience. As of the 1st of January, 2016, the institution has become a university of applied sciences, with the intention of preserving the values accumulated by the predecessors and implementing a strategy that is able to meet the ever-changing demands of the 21st century.

The University of Nyíregyháza has a specific education and research profile with the mission of providing academic research and knowledge transfer. Moreover, the university's practical educational fields – bachelor's programmes, bachelor dual training programmes, and master's programmes, practice-oriented R&D platforms – meet the need of the current economic and social demands.





The aim of the University of Nyíregyháza is to act as the catalyst of the area, fulfilling its educational role with the cooperation of the national and international higher education institutes. The University of Nyíregyháza offers a wide range of educational programmes. Based on the number of students, the most popular programmes are teacher-training, engineering, agricultural sciences, economics, sports, natural sciences and informatics. The liberal arts, social sciences and art mediation are proportionally present in the education.

In the past ten years, infrastructural development projects have given the university the necessary facilities, infrastructure and state-of-the-art technology and equipment. Today, the campus is a real town within the town – winning the FIABCI Prix d' Excellence award in public sector category in 2009 – a pleasant complex of modern buildings located in a picturesque park where students and teachers use the most advanced technical equipment and educational facilities available.

The institution is now a lot more than a university, it is the professional, cultural and art centre of Szabolcs-Szatmár-Bereg County.

FURTHER INFORMATION: WWW.NYE.HU/ENGLISH
ADDRESS: NYÍREGYHÁZI EGYETEM, UNIVERSITY OF NYÍREGYHÁZA
NYÍREGYHÁZA, SÓSTÓI ÚT 31/B H-4400, HUNGARY

Institutes of University of Nyíregyháza

- > Bessenyei György Teacher Training Centre (BGYPK) and Foreign Language Teaching and Examination Centre
- > Institute of Physical Education and Sports Studies
- > Institute of Music
- > Institute of History and Philosophy
- > Institute of Kindergarten and Primary School Teacher Training
- > Institute of Tourism and Geography
- > Institute of Mathematics and Computer Science
- > Institute of Applied Humanities
- > Institute of Languages and Literature
- > Institute of Environmental Science
- > Institute of Visual Culture
- > Institute of Engineering and Agricultural Science
- > Institute of Business and Management Sciences



ACCOMODATION

CAMPUS STUDENT HOSTEL AND BESSENYEI HOTEL

The CAMPUS STUDENT HOSTEL provides accommodation for students admitted to the University of Nyíregyháza as well as individual/group accommodation .

The four buildings of the dormitory have a 1068-bed capacity in total.

Three buildings each (Buildings 1, 2, and 3) can accommodate 305 people. Room type: Two bedrooms with two beds in each ("2 +2"). Between the two rooms, there is a shared shower, a sink and a toilet. The kitchen is shared with the residents of the floor and can be found in the corridor. (There is also one "3 + 2" room on each floor with 3 and 2 beds, respectively.) All rooms have Internet and cable TV as well as a fridge.

The fourth building (Building 4) can accommodate 153 people. Room type: Two bedrooms with two beds in each ("2 +2"). In the entry area of the rooms, there is a bathroom, a kitchenette, and a fridge. (There is also one "3 + 2" room on each floor with 3 and 2 beds, respectively.) Additionally, the building has 6 wheelchair accessible rooms (2 + 2 beds).

In addition, the following services are available to our students: food store, post office, 24-hour security, doctor's office, restaurant. In the basement of the building, there is a laundry and ironing room for the residents of the dormitory.

Information on applying to the student hostel and booking accommodation can be found on the website of the dormitory: (www.nye.hu/koli).



The **BESSENYEI HOTEL** is located in a accessible part of Nyíregyháza on the campus of the University of Nyíregyháza.

Our hotel can accommodate up to 102 people: individual guests, families as well as groups.

Our 2 + 2 bed apartment rooms have a shared shower and a toilet. In the hall of the apartment, there is a kitchenette with a fridge, an extractor fan and a hotplate (There is no cookware.).

Each room has a TV set and free Internet access.

Our central location is within easy reach of the attractions of the area .

More information about our hotel can be found at www.bessenyeihotel.hu.

We welcome our dear Guests.

ANOTHER ACCOMODATIONS ON THE CAMPUS

Hotel Sandra*** is located in the neighbourhood of the University of Nyíregyháza and the beautiful Sóstó Forest.

hotelsandra.hu/en/

STUDENT LIFE

Students can choose from a wide range of extra-curricular activities. The university has a variety of international student programs and sport facilities offered for incoming students every semester, including guided sightseeing trips all around Hungary. There is an easily accessible swimming pool nearby. Students can find a number of coffee and tea shops as well as bars, pubs and clubs offering all kinds of night time entertainment in the City Center.

Nyíregyháza has strong cultural and artistic traditions. There are numerous exhibitions, festivals and cultural attractions that create rich and stimulating opportunities for relaxation and entertainment. In their free time, student can discover Nyíregyháza Zoo, often called 'the zoo of zoos' is located in a 30-hectare oak forest where 5,000 animals of 500 species live in yards resembling their natural habitat.

Aquarius Experience and Park Bath offers full relaxation after a hard week study - You can find all of these in the 1.7-hectare spa complex: wave pool, slides (kamikaze, family, giant, black hole, rough water, race, elephant), water stream channel, children's pools, Inca temple ruins with treasure island.

Sóstó Open Air Museum- Hungary's biggest regional open air museum presents a counterpart of a village that actually never existed. The open air museum takes back to a 19th century village environment where you can see how poor and middle-class peasants, as well as members of the lower nobility lived in those times, how they worked, what they ate and what traditions they had.



SPORTS FACILITIES

There are excellent sports facilities on the campus that are available free of charge not only to sports students, but to all citizens of the University too, both in their free time and during physical education classes under the guidance of our instructors.

Our 30x40 m sports hall accommodates in its one half ball games, and in its other half gymnastics classes. The athletics classes take place in our 76x24 m indoor athletics hall with tartan tracks and on our 400 m 3-lane plastic-covered outdoor track. Our 25-meter-swimming pool features 5 lanes and a stretched water surface. Outdoors, there are 2 bitumen-covered handball courts, 6 backboarded streetball courts and 3 clay tennis courts. Education is also supported by one 10x22 m fitness room, equipped with modern multifunctional and conditioning equipment. We also have a 25x5 m mirror room for aerobics training.

The activities of Nyíregyháza University Sports Association is an integral part of our training, completing our educational work. We currently operate 11 divisions: athletics, basketball (women, men), volleyball (men), hiking and leisure sports, gymnastics (women, men), swimming and chess. Their sportswomen and sportsmen have achieved a number of sports successes in university and national championships. The success of our sports activities in the above mentioned divisions is also proven by our numerous university championship titles, achieved in both individual and team sports.





programme descriptions in English

from academic year 2020/2021

	TUITION FEE/SEMESTER
Agricultural Engineer BSc (full-time,7 semesters)	2,200 EUR
Biology BSc, Applied Biology Operator specialization (full time, 6 semesters)	2,200 EUR
Mechanical Engineering BSc (full-time,7 semesters)	2,200 EUR
Music Culture programme BA specialization in choir singer (full-time,6 semesters)	3,000 EUR
Transportation Engineering in Aviation (based on a degree, postgraduate, full-time,3 semesters)	25,000 EUR
Preparatory English Language Course (full-time, 2 semesters)	1,400 EUR
Hungarian as a Foreign Language (full-time, 2 semesters)	2,200 EUR

APPLICATION DEADLINE: 15 OF JULY 2020
STARTING DATE: EVERY PROGRAM STARTS IN SEPTEMBER
>>CHECK ON THE WEBSITE<<

general questions and additional information



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e-mail: admission@nye.hu
international.center@nye.hu

A young woman with long brown hair and black-rimmed glasses is smiling warmly at the camera. She is wearing a red and white plaid shirt. The image is overlaid with a large, semi-transparent blue geometric shape that covers the left and bottom portions of the frame. The background is a soft, out-of-focus indoor setting.

**programme
descriptions
in English**



Agricultural Engineer (BSc) programme

The exact name of the programme:

agricultural engineer (BSc) programme

Name of the institute:

Institute of Engineering and Agricultural Science

Level of the degree:

Bachelor's Degree (baccalaureus, bachelor; abbreviated: BSc),

Title of the bachelor's programme:

Agricultural Engineer

Qualification in diploma:

agricultural engineer (BSc).

Field of training: agricultural**Duration of training:**

full time, 3.5 years (7 semesters)

The credits you need to complete to the

degree: 180 + 30 credits

Short description of the programme:

Degree orientation: Practice-oriented (60-40 percentage). Credit value assigned to the thesis: 15 credits. The minimum credit value for continuous practical training outside the institution: 30 credits. The minimum credit required for optional subjects is 10 credits. Specializations (University of Nyíregyháza): integrated agricultural technologies, organic farming.

Training Programme - Knowledge Areas

The aim of the training is to educate agricultural engineers with agricultural, technical and economic knowledge. Their skills are based on general scientific knowledge, on a knowledge of the European Union, and on appropriate level of practical knowledge. Engineers are able to direct agricultural production, and to adopt technological processes in a given farm as necessary, as well as to introduce new technologies. They recognize the roles to be filled in the food chain. In their work, they seek and prioritize solutions that promote the health of society and individuals, while also protecting the environment. They are prepared to continue their studies for a master's degree.

In addition to traditional agricultural technologies, our aim at the University of Nyíregyháza is to introduce the conditions of innovative ecological farming, landscape management, agri-environmental management, water management and rural development, as well as the technologies of sustainable crop production, horticulture and animal husbandry.

The slogan of our training is:

"Educating sustainable agriculture for the agricultural engineers of the future."

Main topics of the final exam:**(a) Integrated agricultural technologies specialization**

Traditional and integrated cultivation techniques, organization and economics of the most important arable crops (winter wheat, maize, sunflower, winter rape, green manure plants, potato, alfalfa). Integrated production technology of the most important fruits (apples, sour cherries, plums, nuts, grapes). Traditional and integrated cultivation technology of field cultivated wild peppers. Organization and economics of the cultivation of peppers and canned cucumbers. Significance, organization and economics of intensive and extensive cattle breeding, pig breeding, sheep, lamb breeding, poultry breeding, and racehorse breeding. Importance of close-to-nature animal husbandry technologies. The most important technological features of goat farming, rabbit breeding and bee keeping.

b) Organic farming technology specialization

Integrated and organic cultivation technologies, organization and economics of the main arable crops (winter wheat, rye, triticale, sunflower, potato, Jerusalem artichoke, alfalfa, maize, carrot, green peas, open-field cultivated tomato). Organic cultivation technology of the most important fruits (apples, sour cherries, plums, nuts, berries). Technology, organization and economics of organic viticulture and winemaking. Conventional and organic keeping technology, organization and economics of dairy cows, milk production, beef production, pig fattening, roast chicken production and table egg production.

Entrance requirements:**Special conditions for entrance:**

- language requirements: English language proficiency B2 (CEFR level-certificate is not compulsory.)



BSc in Biology (BSc) programme

Applied Biology Operator specialization

The exact name of the programme:

BSc in Biology, Applied Biology Operator specialization

Name of the institute:

Institute of Environmental Sciences Institute

Level of the degree:

Bachelor's Degree (baccalaureus, bachelor; abbreviated: BSc),

Title of the bachelor's programme:

BSc in Biology, Applied Biology Operator specialization

Qualification in diploma: Biology (BSc).

Field of training: Biologist.

Duration of training:

full time, 3 years (6 semesters) with 6-week internship during the training

Required credits for completing the degree: 180

Short description of the programme:

Our aim is to train our students to become specialists who are able to analyze the most important relationships in biology, who know the most important research methods in this field, and who are able to plan, solve and evaluate biological tasks. Our instructors carry out internationally recognized research in biology and its related fields (Ecology, Hydrobiology, Behavioral Ecology, Genetics, Human Biology, Microbiology, Nature Conservation, Environmental Protection). They conduct their research with the participation of interested students in a wide range of national and international cooperation, and the results of their research are published in prestigious international scientific journals. Our training is featured by a practice-oriented approach and a student-centered education, served by modern laboratories, instrumentation, well-equipped classrooms and internships in connection with our institute. With the help of the knowledge that the students acquire at our institute, they are able find jobs in a wide variety of fields: health, food, plant protection, pharmaceutical, environmental and quality control laboratories, national parks, conservation organizations, environmental and water laboratories.

Major courses:

Plant Anatomy
Animal Anatomy
Plant Taxonomy
Animal Taxonomy
Cell Biology
Microbiology
Plant Physiology
Biochemistry
Hydrobiology
Ecology
Biogeography
Animal Physiology
Environmental Protection
Molecular Biology
Behavioral Ecology
Experimental Aquatic Ecology
Instrumental Organic Analysis
Field Botany
Nature Conservation
Evolutionary Biology and Population Genetics
Human Biology
Genetics
Soil Ecology
Biodiversity Monitoring
Research Design

Main topics of the final exam:

1. General characterization and classification of plant and animal tissues.
2. Morphology, vegetative and reproductive organs and major taxa of angiosperm plants.
3. Anatomical features of organs and organ systems (nutrition, respiration, circulation, excretion) of the animal metabolism.
4. Characteristics of the dermis and movement organ system.
5. Evolution and physiology of the neuro-endocrine system
6. General characterization-, main taxons, developmental- and historical significance of Arthropoda.
7. General characterization-, main taxons, developmental- and historical significance of Vertebrata.
8. Structure and metabolism of carbohydrates.
9. Structure and function of DNA and proteins. Molecular mechanism of the flow of genetic information.
10. Origin and organization of the pro- and eukaryotic cells. Characterization of the organelles with respect to their main functions.
11. Cell cycle; types of cell division, its process and regulation. Proto-oncogenes, oncogenes and tumor suppressor genes.
12. Evolution of photosynthetic processes, state and role of pigments in the energy transport.
13. Anthropological characteristics of historical and recent populations. Applied Human Biology.
14. Basic principles of evolutionary theory. Natural selection, sexual selection. Genetic Drift.
15. Nature and characterization of phylogenetic trees. The major transitions in evolution.
16. General definition of viruses, bacteria and fungi and their ecological significance.
17. Application of biotechnology in various fields of environmental protection and industry.
18. Biotechnological production of microbial secondary metabolites, their environmental effects.

19. Niche theory and Limitation principle in Ecology
 20. Population models in Ecology
 21. Characterization of fauna-, and floral area of the world, national (interior) fauna-, and floral microareas.
 22. The role of environment protection and nature conservation.
 23. Proximate and ultimate causes of behaviour. Optimal behaviour.
 24. Mendelian genetics, inheritance of linked characters, linkage groups and gene maps. Applying genetic knowledge in practice.
- List of entrance requirements:
Special conditions for entrance:
- language requirements: English language proficiency B2 (CEFR level-certificate is not compulsory.)

Entrance requirements:

Certificate of secondary education, with Biology and Physics or Geography or IT or Chemistry or Mathematics or Natural Science or a sectoral professional exam (23) or a professional preparatory examination (38). At least one must be completed at an advanced level

Elective subjects for a sectoral professional exam:

Mining Skills, Mechanical Engineering, Computer Science, Environmental and Water Management, Environmental Science, Economics, Chemistry, Chemical Industry, Electrical Engineering and Electronics, Water Management.

Elective subjects for a professional preparatory examination:

Fundamentals of Electronics, Mechanical Engineering, Fundamentals of Computer Science, Fundamentals of Environmental and Water Management, Fundamentals of Economics (Theoretical Economics), Fundamentals of Chemistry.



Description of the Mechanical Engineering (BSc) programme

The exact name of the programme:

Mechanical Engineering (BSc)

Name of the institute:

Institute of Engineering and Agricultural Science

Degree:

Bachelor degree, Mechanical Engineers

The qualification: Mechanical Engineers

Study field: engineering

Duration of training:

full time, 3,5 years (7 semesters)

The credits you need to complete to the degree: 210 credits

Description of the programme:

The aim of the training is to train mechanical engineers who are capable of operating and maintaining machines and mechanical equipment, of introducing or applying engineering technologies, of organizing and directing work, and of performing technical development, research and design of average complexity according to labour market needs, furthermore, they have sufficient in-depth theoretical knowledge to continue their training in the second cycle.

The programme consists of two specializations:

- machine manufacturing technology, and
- vehicle engineer

With a bachelor degree, mechanical engineers are able to:

- design and construct machinery, apparatus, equipment, and structures,
- develop the production and assembly technology of machine and metal structures and their components,
- to develop diagnostic testing of machines, their maintenance, reliability and repair technology,
- control technological processes of engineering, organize the servicing of mechanical equipment,
- operate and develop the logistics and material handling systems,
- apply environment-friendly technologies, create an industrial environment,
- design, manufacture and operate vehicles and mobile machinery.

Training programme (fields of knowledge):

Basic natural scientific knowledge:

mathematics, mechanics, technical representation, engineering physics, general mechanics, thermodynamics, fluid mechanics, technical chemistry;

Economic and human knowledge:

economics, entrepreneurial economics, management, quality and environment management, occupational safety and security, energy management, economic law, human resources management;

– professional core material: 120 credits

technical IT, basics of CAD, FEM, machine parts, materials engineering and material testing, manufacturing technology, electrical engineering, measurement and control engineering, automation, logistics, maintenance and operations, assembly and complex design, general engineering knowledge, courses related to machine manufacturing technology and vehicle engineer specializations

Internship:

Professional practice outside the institution is obligatory. Professional practice is a continuous internship outside the institution at a suitable organization for 6 weeks at least.

Main topics of the final exam:

Complex knowledge of manufacturing technology: material engineering, material selection, heat treatment, welding, plastic forming, casting, machining, environmental-friendly technologies, rapid prototyping.

Specialized complex knowledge (Machine manufacturing technology specialization): manufacturing systems, tool and device design, assembly design, machine tools and their programming, computer-aided technology design systems, computer-aided manufacturing planning and CNC programming

Specialized complex knowledge (Vehicle engineer specialization): vehicle diagnostics, internal combustion engines, machine structure studies, vehicle structure studies, vehicle electronics, service technology.

Entrance requirements:

Special conditions for entrance:

- language requirements: English language proficiency B2 (CEFR level-certificate is not compulsory.)



Music Culture programme (BA) specialization in choir singer

The exact name of the programme:

Music culture programme (BA) specialization in choir singer

Name of the institute: Music Institute

Degree: Bachelor of Arts in Music Culture

The qualification: Music Culture Expert

Study field: Arts Mediation

Duration of training: 3 years (6 semesters)

The credits you need to complete to the

Bachelor's degree: 180 credits

A concise summary of the programme:

The aim of the programme is to train music experts who are able to meet the requirements of art dissemination in music in good taste and with creative decisiveness with their theoretical and practical proficiency, their knowledge about cultural and art institutional system. The music courses in the programme are based on the Kodály Concept. Students will acquire sufficient knowledge of Hungarian music life and will be able to perform choral vocal tasks in professional vocal choirs.

Specialization: Specialization in choral singing is available with professional traineeship for 5 semesters. The place of the art traineeship is at the music workshop, Cantemus Mixed Choir, which has become world-famous following the principles of Zoltán Kodály's music education.

Conductor: Soma Szabó.

List of entrance requirements:

Special conditions for entrance:

- language requirements: English language proficiency B2 (CEFR level)

- practical entrance examination:

a) in person or

b) by using a video connection after submitting a music portfolio (cannot be selected for applicants residing in Hungary)

Up to 200 points are available in the practice test!

The total admission score can only be calculated by doubling the practical test result without adding extra points.

Only applicants with at least a secondary education degree, ie a secondary grammar school maturity certificate, can be admitted to a bachelor programme and with a threshold of 280 points, depending on the capacity of the institutions and the number of applicants for the programme.

Names of major subjects and their instructors:

Based on the curriculum:

Music History

History of Art

Music Theory

Music skill-training

Choir

Conducting practice

Obligatory piano

Voice Training

Thesis

Specialization in Choir Singer 60 credits

Ensemble singing

Stylistic studies

Choral music literature

Choral Voice Training

Oratorical literature

Outside Art Practice





Professional Pilot Postgraduate Specialist Training Course

The exact name of the programme:

professional pilot postgraduate specialist training course

Name of the institute:

Institute of Engineering and Agricultural Science

Degree:

professional pilot postgraduate specialist

The qualification:

frozen ATPL(A), CPL(IR), ME, MCC

Study field: technical**Duration of training:**

full time, 1,5 year (3 semesters)

The credits you need to complete to the

degree: 90 credits

Short description of the programme:

The programme is currently only available with the Air Transport Pilot specialization. The training is for 3 semesters and can only be completed on a cost-reimbursement basis. The aim of the training is to train air transport pilots who are familiar with aeronautics, who are able to carry out air operation, ground handling and the organization and handling of transportation tasks in the world of commercial air transport as well as relevant compliance monitoring tasks. The flying practice consists of 145 hours of flight (SEP, MEP on aeroplanes) and 60 hours of STD (FNPT II) practice. By the end of the course, students will earn ATPL (A) frozen, CPL (A) SE / ME, IR and MCC qualifications.

Training programme:

a) Human knowledge: professional English I-II-III; air law; aviation meteorology; human performance and limitations: 16 credits

(b) Aviation engineering knowledge: electricity, electronics; theory of flight; PPL theoretical knowledge; aircraft instruments and electrical equipment I-II.; Airframe and systems; powerplant; radio and radar technology; aeroplane robotics: 28 credits

(c) Pilot knowledge: navigation I-II.; flight performance and planning I-II.; operational procedures; radio communication, Multi crew co-operation: 26 credits.

d) Practice and application: flight practice I-II-III, dissertation: 20 credits

Main topics of the final exam:

a) Aerospace engineering knowledge (Topic A):

- > Principle of flight;
- > Airframes and systems;
- > Human performance and limitations;
- > Aircraft instruments and electrical apparatus;
- > Powerplants;
- > Aviation safety.

b) Pilot knowledge (Topic B)

- > Meteorology;
- > Navigation;
- > Flight performance and planning;
- > Operational procedures;
- > Radio communications;
- > Multi crew cooperation.

List of Entrance requirements:

passing medical and career aptitude tests successfully,

English language exam (at least B2 level) or equivalent certificate of secondary education, technical or IT engineering degree.



Preparatory English Language Course

Programme structure

The "Preparatory English Language Course" aims to prepare international students for studying in English in Hungarian higher education institutions. The teaching material covers all the levels from beginner, A1 up to B2. In the modules, designed in line with CEFR levels, several language competences (listening, reading comprehension, understanding reading, writing, composition of texts, conversation, oral communication) are simultaneously developed. In addition to the acquisition of language skills, needed for everyday life and university courses, knowledge connected to civilisation and culture is included in the course programme as well.

Beginners can also participate in the course. In addition to the basic writing, reading, speaking skills, no input requirement is attached to the module A1/1. Except for this unit- in case of joining further units- candidates have to complete a placement test input by the training institute.

Educational package of English language course for international students

The educational package, designed to last for an entire academic year (2 semesters), comprises the following mandatory panels:

- 570 hours of mandatory general language lessons
- included 30 hours of mandatory labor market development module
- 16 hours of optional conversation

Structure and scheduling of mandatory language courses:

The courses comprise 12 interconnected modules, 45-65 lessons each, from CEFR level A1 up to level B2. After every module, there is a test to be taken and passed. A score of at least 60% is required in order to move up to the next module.

The course is scheduled for 28 weeks (14 weeks/ semesters). Counting with 20 lessons weekly, every day from Monday to Friday 4 lessons are scheduled.

Evaluation and grading criteria

For the certification, participants must participate in the course at least 80 per cent. The final exam consists of written and oral parts. The module final exams are required for every participant with the minimum result of 60 per cent (oral and written parts separately). The module final exam qualification exam: pass/ fail.

After every modul and after the one year course, the student will get a certificate about the one year training. The program has no credits.

For the entrance exam: students who wish to continue their studies at the University of Nyiregyháza after the one-year Hungarian course, will have priority in the evaluation entry process.



Hungarian as a Foreign Language

Entry qualification

High school / secondary education (or higher)

Other students with Bachelor diploma are also accepted if they wish to study in the one-year Hungarian language course at the University of Nyíregyháza.

The entry qualification documents are accepted in the following languages: English.

Often you can get a suitable transcript from your school. If this is not the case, you will need official translations along with verified copies of the original.

It is required that you send verified copies of the entry qualification documents directly to the university by postal mail. *Important.* Never send original documents by post.

Language requirements: English

Other requirements

Applicants must be minimum 18 years old. Students must do the visa process after the acceptance to the University of Nyíregyháza.

Programme structure

The course "Hungarian Language as a Foreign Language" aims to prepare international students for studying in Hungarian higher education institutions. The teaching material covers all the levels from beginner, A1 up to advanced C1. In the modules, designed in line with CEFR levels, several language competences (listening, reading comprehension, understanding reading, writing, composition of texts, conversation, oral communication) are simultaneously developed. In addition to the acquisition of language skills, needed for everyday life and university courses, knowledge connected to civilisation and culture is included in the course programme as well.

Beginners can also participate in the course. In addition to the basic writing, reading, speaking skills, no input requirement is attached to the module A1/1. Except for this unit- in case of joining further units- candidates have to complete a placement test input by the training institute. The trainee can join the course even if he/she certifies his/her language level with an accredited language examination (B1, B2) not older the 12 months or attaching certificated course document from earlier levels based on the same course requirements not older in a year. The institution makes a certified copy of this document.

Educational package of Hungarian language for international students

The educational package, designed to last for an entire academic year, comprises the following mandatory, elective and optional panels:

- 840 hours of mandatory general language lessons
- 15 hours of elective orientational training
- 16 hours of optional conversation

1. Mandatory language training

The course "Hungarian Language as a Foreign Language" aims to prepare international students for studying in Hungarian higher education institutions. The teaching material covers all the levels from beginner, A1 up to advanced C1. In the modules, designed in line with CEFR levels, several language competences (listening, reading comprehension, understanding reading, writing, composition of texts, conversation, oral communication) are simultaneously developed. In addition to the acquisition of language skills, needed for everyday life and university courses, knowledge connected to civilisation and culture is included in the course programme as well.

Structure and scheduling of mandatory language courses:

The courses comprise 28 interconnected modules, 30 lessons each, from CEFR level A1 up to level C1. After every module, there is a test to be taken and passed. A score of at least 60% is required in order to move up to the next module.

The course is scheduled for 34 weeks. Counting with 25 lessons weekly, every day from Monday to Friday 5 lessons are scheduled.

2. Orientational training

Objective:

International students should familiarize themselves with civic, cultural and civilisational knowledge as well as local customs.

Major thematic units of semester 1:

General civic knowledge (in the English language)

Communication, establishing contacts, office routines on the phone, in person, via email

Catering and tourism, accommodation, shopping, other services

Health care

Travelling, obtaining information

Course programme for semester 2:

Specialist language orientational training

Scheduling: 68 lessons, designed for 34 weeks, 2 lessons per week

3. Conversation

designed for 34 weeks, 2 lessons per week (optional)

Evaluation and grading criteria

For the certification, participants must participate in the course at least 80 per cent. The final exam consists of written and oral parts. The module final exams are required for every participant with the minimum result of 60 per cent (oral and written parts separately). The module final exam qualification exam: pass/ fail.

After the one year course, the student will get a certificate about the one year training.

The program has no credits.

For the entrance exam: students who wish to continue their studies at the University of Nyíregyháza after the one-year Hungarian course, will have priority in the evaluation entry process.



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"Studying at the University of Nyíregyháza is much more than education. The facilities are great, not to mention the warm, friendly atmosphere and the world famous Hungarian hospitality. People are very helpful in this town, in the heart of Europe. I couldn't have chosen a better university to study at."

”

Inácio Manuel Junqueira
Mechanical Engineering (3rd year student)
Republic of Angola

UNIVERSITY OF
NYÍREGYHÁZA

Courses in English

OKLEVÉL



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