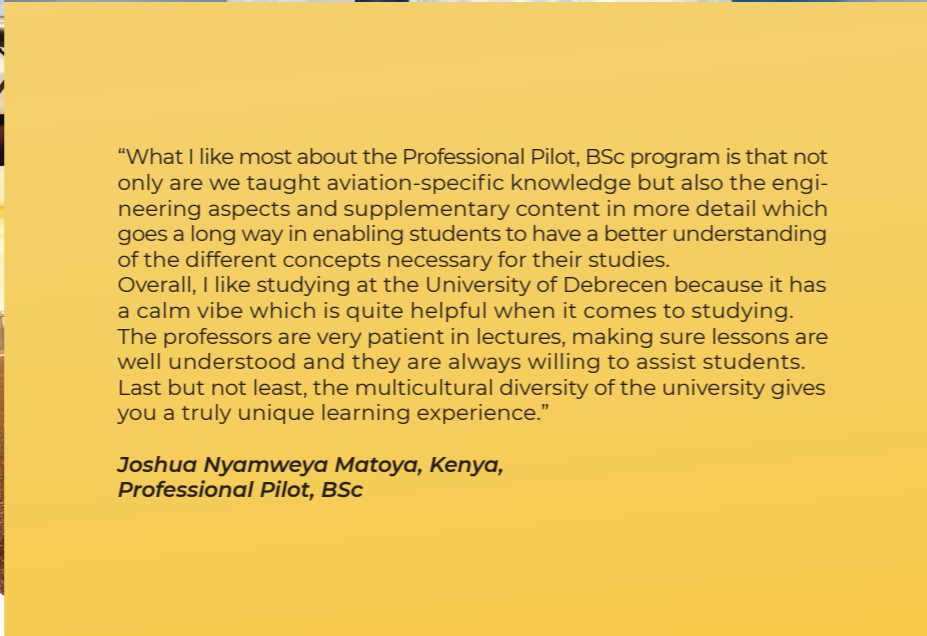




What our students say about us

"The professional pilot program at the University of Debrecen has been my biggest help in my long-awaited dream to become a commercial pilot. Thanks to the professional pilot program, I am on my way to prepare myself as a competent pilot both theoretically and practically, with my international peers and helpful instructors by my side. The path to become a pilot is full of challenges but from what I have experienced so far, if you are ready to be an ambitious and dedicated potential pilot, this program at the University of Debrecen will certainly be the wings for your dreams to fly."

*Kim Hyemin, South Korea,
Professional Pilot, BSc*



"What I like most about the Professional Pilot, BSc program is that not only are we taught aviation-specific knowledge but also the engineering aspects and supplementary content in more detail which goes a long way in enabling students to have a better understanding of the different concepts necessary for their studies. Overall, I like studying at the University of Debrecen because it has a calm vibe which is quite helpful when it comes to studying. The professors are very patient in lectures, making sure lessons are well understood and they are always willing to assist students. Last but not least, the multicultural diversity of the university gives you a truly unique learning experience."

*Joshua Nyamweya Matoya, Kenya,
Professional Pilot, BSc*



"Until you spread your wings, you have no idea how far you'll fly. University of Debrecen paved my way to spread my wings and go beyond my dreams. For me, it was the best decision to choose this university because no other flight school has such modern simulators and facilities like the ones I get to use for my flight training here. Welcome on board to the journey of a lifetime at the University of Debrecen."

*Md Shaheen Alam, Bangladesh,
Professional Pilot, BSc*



UNIVERSITY of DEBRECEN

Professional Pilot, BSc program

in cooperation with PHARMAFLIGHT

In certain countries the Professional Pilot, BSc program is eligible within the framework of the Stipendium Hungaricum Scholarship program.

For a detailed country list, please visit: www.edu.unideb.hu/stipendium

Contact information

University of Debrecen
Coordinating Center
for International Education

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+ 36 52 518 659
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www.edu.unideb.hu



Entry requirements

Language	English IELTS 6.0 or any equivalent
Professional	12 years of education with <ul style="list-style-type: none">o grades of 80% or above, oro grades BBB at school-leaving exams including Mathematics and Physicso entrance exam in mathematics and physics, and basic aviation topics
Medical	EASA Class 1

Program facts

 Name and level	Professional Pilot, BSc
 Credits	210
 Duration	7 semesters
 Mode	Full time on campus, in partnership with PHARMAFLIGHT
 Language	English
 Start date	September
 Application deadline	June 15 th
 Tuition fee	17,500 USD per semester

The Program includes

- + **Theoretical part:** 52 courses including several engineering and aeronautical subjects,
- + **Practical part:** 8 courses including Integrated ATP(A) course with a total of 200 hours (140 flight and 60 simulator hours) and Type Rating course or Airline Pilot Standards Multi-Crew Cooperation course (more than 50 hours in Airbus A320 simulators).

Objectives

- + To provide applicants with knowledge and skills that enable the passing of
 - o the ATPL (Airline Transport Pilot Licence) theoretical knowledge examination and CPL(A), ME/IR(A) skill tests of the Hungarian Aviation Authority by fulfilling all requirements of the Authority without any further education.
- + To train professionals who
 - o understand the aviation industry
 - o are capable of working for aircraft operator companies as professional pilots
 - o are aware of the tasks related to air operation, ground handling and air transportation
 - o can perform adequate compliance tasks and
 - o possess the knowledge related to the integrated ATP(A) training.
- + All our future graduates know and are capable of using professional English at a skill level according to Commission Regulation (EU) No 1178/2011.

Our students acquire

- + Bachelor's degree,
- + CPL (Commercial Pilot Licence),
- + ME/IR (Multi-Engine/Instrument Rating),
- + MEP CR (Multi-Engine Piston Class Rating),
- + In addition:
 - o ATPL theoretical knowledge exam certificate,
 - o MCC (Multi-Crew Cooperation Training) course completion certificate,
 - o NVFR licence endorsement,
 - o UPRT (Upset Prevention and Recovery Training) licence endorsement,
 - o Type-rating course completion certificate or APS MCC (Airline Pilot Standard Multi-Crew Cooperation Training) course completion certificate (both trainings are conducted in Airbus A320 environment)

Flight simulation training devices

- 1 **Airbus 320-200 FFS** with CFM56-5B4 and IAE V2527-A5 engine version
- 2 **Entrol A32 (FNPT II MCC)**, Airbus A320 cockpit replica
- 3 **Entrol EN1000x (FNPT II)** generic single- and multi-engine simulator with glass cockpit
- 4 **Cessna 172 (FNPT II)** generic single- engine simulator

Core modules

Basics of Natural Science

Mathematics, Technical Mechanics, Engineering Physics, Thermodynamics and Fluid Mechanics, Informatics, Descriptive Geometry, Meteorology, Human performance and limitations

Economics and Humanities

Economics for Engineers, Microeconomics, Management for Engineers, Quality and Technical Management, Environmental protection, Dangerous Goods, Aviation Terminology

Professional Compulsory Subjects

Informatics for Engineers, Aircraft Technology, Mechanical Machines and Machine Elements, Materials Engineering, Manufacturing Technologies, Technique of Measurement, Environment, Health and Safety, Ergonomics (Basics of EHS), Mechatronic Devices (Sensors, Actuators, Motors), Basics of Aviation, Aircraft General Knowledge (Airframe, Systems, Power Plants and Instrumentation), Air Law, Human Performance, Meteorology, General Navigation, Radio Navigation, Communications

Field-specific Vocational Subjects

Mass and Balance, Performance, Flight Planning and Monitoring, Operational Procedures






Modules

Airline Pilot Standards Multi-Crew Cooperation course including Jet Orientation training; Type Rating course

Career prospects

- + Graduates will be able to fly an aircraft in civil aviation, hold a management position in a department (e.g. flight operations, ground operations, flight safety, or compliance manager) after further training and considerable amount of practice
- + Also, they will be able to manage flights as an instrument-rated commercial pilot (with commercial pilot licence/instrument rating, CPL/IR) in accordance with aviation regulations and rules of the air.

University of Debrecen

In existence since 1538	30,000 students	7,300 international students	13 faculties	8 campuses
				

www.edu.unideb.hu

Faculty of Engineering

- + Operating 7 undergraduate and 7 graduate programs, 9 of them also offered in the English language for international students
- + Its Department of Aviation Engineering is located in the premises of Pharma Flight Training & Research Centre.

www.eng.unideb.hu

PHARMAFLIGHT Aviation Academy Ltd.

The outsourced department of University of Debrecen called Aviation Engineering is located in PHARMAFLIGHT International Science and Service Center, right next to Debrecen International Airport. PHARMAFLIGHT Aviation Academy Ltd. ATO (Approved Training Organization) is an EASA approved training organization that complies with European Union legislation. Students complete the training on a Cessna 172, Tecnam P2008JC and P2006T aircraft together with FNPT II and FFS simulators.

www.pharmaflight.hu

Debrecen Airport

- + The international airport serves more than 380,000 passengers a year
- + Provides almost 30 regular international flights a week, and
- + numerous charter flights during the holiday season.

www.debrecenairport.com

