**NATIONAL AVIATION UNIVERSITY**

www.nau.edu.ua

**DESCRIPTION**

Aviation has always been in the forefront of scientific and technological progress. Tens of thousands of specialists for 122 countries have graduated from the largest aviation university in Ukraine, the National Aviation University (NAU). Now the University continues to provide training in promising areas and various specialities. The University was founded in 1933. It has the IV level of accreditation. Academic activities are performed by a highly skilled scientific and pedagogical team, including 23 academicians, corresponding members of the Academy of Science of Ukraine, 280 doctors of sciences, professors, 830 candidates of sciences and senior lecturers, 54 honored people of science and engineering of Ukraine and winners of the State prizes.

More than 50 thousand students study at the University today. 1200 foreign students from 50 countries are among them. 15 educational research institutes, 20 faculties, 10 research institutes and centres, 6 colleges, 4 lyceums and gymnasiums function at the University.

Educational Research Institutes: Aerospace Institute, Electronics and Control Systems Institute, Institute of Computer Technologies, Information-Diagnostic Systems Institute, Institute of Municipal Activity, Humanities Institute, Economics and Management Institute, International Relations Institute, Air and Space Law Institute, Preparatory Institute, ICAO Institute, Institute of Extramural and Distance Education, Institute of Innovative Technologies, Institute of Continuing Education, Land Use and Information Technologies Institute.

Faculties: Aircraft Faculty, Mechanics and Energetics Faculty, Aerospace Control Systems Faculty, Faculty of Electronics, Faculty of Information Technologies, Telecommunication and Security of Information Faculty, Faculty of Computer Sciences, Faculty of Computer Systems, Faculty of Airport Design, Architecture and Design Faculty, Environment Protection Faculty, Faculty of Economics and Business, Faculty of Air Transportation Technologies, Management & Logistics Faculty, Faculty of International Information and Law, International Economic Relations Faculty, Psychology & Sociology Faculty, Faculty of Linguistics, Foreign Students Faculty, Military Training Faculty.

Scientific Research Institutes and Centres: Aviation Scientific and Research Institute, Integrated Telecommunication Technologies Scientific and Research Institute, Transient Processes Scientific and Research Institute, Scientific and Research Institute of Design, Scientific and Research Institute "Aviatest", “Aviaservice” Centre, “Solid” Engineering Centre, Aerodynamic Research Centre, Research Design Bureau "Buran", Protect of Flights Information main Enterprise.

Colleges: College of Information Technologies, Geodesy and Organization of the Use of Land, Industrially- and Eonomic College, Aviation College (Slovyansk), Aviation College (Kryviy Rih), Flying College (Kremenchuk), Aviation College (Vasylkiv).

Lyceums and Gymnasiums: Aero-Space Lyceum (Kyiv), Aero-Space Lyceum (Lubny), Professional Lyceum, Gymnasium (Sympheropol)

The are occupied by the University is about 90 hectares, the total are of 14 academic buildings is 150 000 square meters. 75 airplanes and helicopters, 42 aircraft engines, 3 aircraft simulators, 240 on-board systems, test benches and about 2500 modern computers are used in the educational process. The scientific and technical library has about 3 million books. The University has a training aerodrome, unique hangar, radio equipment and aviation ground equipment facilities, aerodynamic training complex with the wind tunnel, State Museum of Aviation. Art and Culture Centre, sport complex, 11 comfortable hostels, canteen with a seating capacity for 1000 people at a time, medical centre, e-club, billiard club are the parts of students' campus. Also the University comprises summer camp on the bank of the Dnipro river and on the Black seashore.

One of the priorities of the University is the integration into the international research and education sphere. The University has joined the Bologna Convention that makes it possible to integrate scientists' efforts and to improve students mobility. The University professors and students carry out wide range of research with universities of Great Britain, Spain, the Netherlands, Germany, France, South Korea and other countries. The University successfully collaborates with the International Civil Aviation Organization (ICAO). Two ICAO European Regional Training Centres are successfully functioning for aviation personnel upgrading. Both Centres implement the TRAINAIR Methodology on the basis of ICAO Standards and Recommended practices.

Students have great opportunities for their free time: the studios of the Art and Culture Centre, sections of Sports and Health facilities, Aircraft and Yacht clubs are at their disposal. Comfortable hostels, Medical Centre, E-Club, Billiard Parlour are the parts of students' campus.

The motto of the National Aviation University that in some way defines its life is:

**VIVERE! CREARE! VINCERE! – LIVE! CREATE! WIN!**

**LEVELS OF HIGHER EDUCATION**

Bachelor, Master, Doctor of Science, Ph.D.

**FORMS OF EDUCATION**

Full-time, part-time, distance.

**LANGUAGES OF EDUCATION**

Ukrainian, Russian, English.

**TERMS OF THE APPLICATION PROCESS**

The university holds an admission company twice a year.

Deadlines for submission of applications and documents:

From July 1 to November 1 - the beginning of the fall semester;

From January 1 to March 1 - the beginning of the winter semester.

**STUDENTS LIFE**

The university campus includes 11 comfortable hostels, a dining room for 1000 seats, an Internet cafe, a medical center, and the Aviator billiards club. An international student is provided a place in the hostel for an additional fee. For this purpose, a separate contract is concluded. The cost of living in a dormitory depends on the conditions of comfort and is approximately from $ 60 to $ 200 per month.

Moderate expenses related to food, transportation, etc., in Kiev do not exceed $ 350 per month.

Much attention at the National Aviation University is paid to the organization of student leisure. The studios of the Center of Culture and Arts, the sections of the Center for Sport and Health, the yacht club, the sections of aeromodelling and hang gliding provide the opportunity for a comprehensive creative development of the individual. University teachers constantly carry out cultural and educational work aimed at familiarizing a foreign student with Ukraine, its history and cultural heritage. Excursions are organized both in the museums of the city of Kiev (Kiev-Pechersk Lavra, St. Sophia Cathedral, the museum of folk art in Pirogovo, the Museum of Aviation, etc.) and in other cities of Ukraine, including Lviv, Odessa, Kamyanets-Podilsky, Chernihiv , Crimea, etc.

Foreign students have the opportunity to participate in various competitions, festivals and concerts held both within the university and the faculty for working with foreign students. Among the most popular are the competitions “Miss NAU” and “Mr. NAU”, the university championship in various sports, the festivals “Bereznei Parostki” and “Student Spring”, “Let's Meet You”, concerts for national holidays in various countries.

**UNIVERSITY STRUCTURE**

|  |
| --- |
| **INSTITUTES AND FACULTIES** |
| AEROSPACE FACULTY |
| FACULTY CYBERSECURITY, COMPUTER AND SOFTWARE ENGINEERING |
| DEPARTMENT OF ENVIRONMENTAL SAFETY, ENGINEERING AND TECHNOLOGY |
| FACULTY OF ARCHITECTURE, BUILDING AND DESIGN |
| FACULTY OF ECONOMICS AND BUSINESS ADMINISTRATION |
| DEPARTMENT OF LINGUISTICS AND SOCIAL COMMUNICATION |
| DEPARTMENT OF TRANSPORT MANAGEMENT AND LOHISTYTKY |
| DEPARTMENT OF AIR NAVIGATION, ELECTRONICS AND TELECOMMUNICATIONS |
| DEPARTMENT OF INTERNATIONAL RELATIONS |
| FACULTY OF LAW |
| EDUCATIONAL AND RESEARCH INSTITUTE OF LIFELONG EDUCATION |
| EDUCATIONAL AND RESEARCH INSTITUTE OF INNOVATIVE EDUCATIONAL TECHNOLOGIES |
| DEPARTMENT OF MILITARY TRAINING OF NAU |
| ICAO TRAINING INSTITUTE |
| INSITUTE OF INTERNATIONAL COOPERATION AND EDUCATION |
| INSTITUTE OF INNOVATIVE TECHNOLOGIES AND LEADERSHIP |
| KIROVOGRAD FLIGHT ACADEMY |

**NATIONAL AVIATION UNIVERSITY**

 **CARRIES OUT PREPARATION OF APPLICANTS IN THE FOLLOWING DIRECTIONS**

**FOUNDATION PROGRAM (PREPARATION COURSE)**

Foreigners who do not speak the language of study (Ukrainian, Russian or English) are admitted to the Preparatory Department for the period of one year where training is carried out on the following directions: Engineering, Economics, Humanities, Medicine.

Foreigners study the Ukrainian and Russian language, the history of Ukraine, geography, mathematics, physics, computer science, biology and other educational disciplines depending upon the chosen direction. After completion of the academic year, final tests are to be passed by students to be admoitted by different universities of Ukraine.

Tuition fees (per year) for foreign students.

Form of education: full time.

**LIST OF THE SPECIALTIES FOR ADMISSION IN STUDIES AT THE BACHELOR AND MASTER PROGRAMS**

|  |
| --- |
| **SPECIALTY** |
| **022 «Design»** |
| **029 «Information, Library and Information Science»** |
| **033 «Philosophy»** |
| **035 «Philology»** |
| **051 «Economics»** |
| **052 «Politics»** |
| **053 «Psychology»** |
| **054 «Sociology»** |
| **061 «Journalism»** |
| **071 «Accounting and Taxation»** |
| **072 «Finance, Banking and Insurance»** |
| **073 «Management»** |
| **075 «Marketing»** |
| **076 «Enterprise, Trade and exchange activities»** |
| **081 «Right»** |
| **101 «Ecology»** |
| **105 «Applied Physics and Nanomaterials»** |
| **113 «Applied Mathematics»** |
| **121 «Software Engineering»** |
| **122 «Computer Science»** |
| **123 «Computer Engineering»** |
| **124 «System Analysis»** |
| **125 «Cybersecurity»** |
| **126 «Information systems and technologies»** |
| **134 «Aircraft and missile and space equipment»** |
| **141 «Electricity, electronics and electrical engineering»** |
| **142 «Energy Engineering»** |
| **151 «Automation and Computer Integrated Technologies»** |
| **152 «Metrology and Information and Measuring Technology»** |
| **153 «Micro- and machinery nanosystemna»** |
| **161 «Chemical Technology and Engineering»** |
| **162 «Biotechnology and Bioengineering»** |
| **163 «Biomedical Engineering»** |
| **171 «Electronics»**  |
| **172 «Telecommunications and Radio Engineering»** |
| **173 «Avionics»** |
| **186 «Publishing and Printing»** |
| **191 «Architecture and Urban Planning»** |
| **192 «Building and Civil Engineering»** |
| **193 «Surveying and Land Management»** |
| **231 «Social work»** |
| **242 «Hiking»** |
| **262 «Law enforcement»** |
| **263 «Civil Security»** |
| **272 «Air transport»** |
| **275 «Transportation Technology»** |
| **281 «Public Management and Administration»** |
| **291 «International relations, social communication and regional studies»** |
| **292 «International Economic Relations»** |
| **293 «International law»** |

**DOCTORAL SCIENTISTS TRAINING CONDUCTED IN THE FOLLOWING SPECIALTIES**

|  |
| --- |
| **SPECIALTY** |
| **011 «Science about Education»** |
| **051 «Economics»** |
| **081 «Right»** |
| **101 «Ecology»** |
| **102 «Chemistry»** |
| **121 «Software Engineering»** |
| **122 «Computer Science»** |
| **123 «Computer Engineering»** |
| **125 «Cybersecurity»** |
| **131 «** **Applied mechanics»** |
| **134 «Aircraft and missile and space equipment»** |
| **142 «Energy Engineering»** |
| **151 «Automation and Computer Integrated Technologies»** |
| **152 «Metrology and Information and Measuring Technology»** |
| **161 «Chemical Technology and Engineering»** |
| **172 «Telecommunications and Radio Engineering»** |
| **192 «Building and Civil Engineering»** |
| **272 «Air transport»** |

**10 REASONS WHY NAU?**

* National Aviation University is a powerful scientific and educational complex comprising 11 institutes: the Institute of Information and Diagnostic Systems, the Aerospace Institute, the Institute of Aerospace Management Systems, the Institute for Environmental Safety, the Institute of Economics and Management, the Law Institute, the Institute for Pre-University Preparation, the Humanitarian Institute , ICAO Institute, Distance and Distance Learning Institute, Institute of Advanced Technology, Institute of Postgraduate Studies, Institute of International Relations, Institute t airports, the Institute of Aeronavigation and Zhytomyr Military Institute. S. P. Koroleva; Kirovohrad Aircraft Academy; 4 faculties: computer science faculty, faculty of computer systems, faculty for working with foreign students and faculty of reserve officers training; 7 colleges, 3 lyceums and gymnasium.
* National Aviation University is a member of the International Association of Universities.
* National Aviation University prepares for 50 directions in technical, technological, humanitarian, socio-political, legal and other fields. Every year more than 50 thousand students and audience are educated there.
* National Aviation University is a national and international training center for aviation and other industries. For nearly eighty years, it has released about 200,000 top-notch professionals for 160 countries.
* In the National Aviation University, powerful scientific schools were established in the fields of management, mechanics, electronics, electrical engineering, materials science, computer science and computer technology. Their founders were Prof. T. Bashta, academicians O. Kukhtenko and G. Pukhov, correspondent members O. Penkov, B. Malinovsky, professors A. Grokholsky, L. Ilnitsky and others.
* Integration of graduates of the National Aviation University into the European and world scientific and economic space facilitates the teaching of foreign language disciplines.
* Scientific work of the students of the National Aviation University is carried out under the direction of 6 academicians and correspondent members of the National Academy of Sciences of Ukraine, 37 academicians of branch academies of sciences, about 300 doctors of sciences and professors, over 800 candidates of sciences and associate professors.
* With the support of the National Academy of Sciences and the Ministry of Education and Science, Youth and Sports of Ukraine, the National Aviation University operates the Institute of Advanced Technologies, which prepares the state scientific elite.
* Doctoral studies and postgraduate study courses in the field of physics and mathematics, chemical sciences, biological sciences, technical sciences, economics, philosophy, philology, law, pedagogical sciences, psychological sciences, sociological sciences and national security for 52 and 18 scientific specialties appropriately.
* Future pilots and ground-handling aircraft improve professional skills on genuine aircraft in Europe's largest training hangar, radio polygon, aviation facility and special training simulators. The National Aviation University has established long-term relationships with leading aviation industry in Ukraine.
* The Institute of International Civil Aviation Institute of ICAO, which consists of the European Aviation Safety Training Center and the European Training Center for the Preparation of State Safety Inspectors for Aircraft Safety and Airworthiness, operate at the National Aviation University.
* Students of the National Aviation University have access to the computerized library of the University, as well as access to the world's electronic libraries through the national scientific and educational telecommunications system.