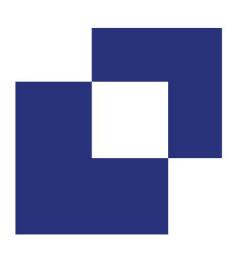


Kharkiv National University of Radio Electronics



EDUCATION NURE 2021







ABOUT NURE

Contacts & information

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The Kharkiv National University of Radio Electronics is a leading technical higher educational institution in Ukraine. The university trains specialists in the field of information technologies, radio engineering, and electronics through 28 educational programs. More than 7000 students study at seven faculties. Also, more than 1000 foreign students from 40 countries study at the university. KhNURE is included in the world ranking of TOP-800+ Times **Higher Education World University Rank**ing, TOP-10 institutions of higher education in Ukraine according to the provided recommendations for the budget, and ranks 9th in the "TOP-200 Ukraine 2020". KhNURE partners with more than 30 leading companies in the world. KhNURE graduates work in many well-known companies, including Boeing, Google, Microsoft, and others. The infrastructure of the university is set up for the realization of educational, scientific, creative, and sports opportunities for students. KhNURE has 90 years of experience. This experience and traditions of generations, multiplied by modern technologies and knowledge, have made KhNURE one of the most desirable technical universities in Ukraine. Choose your future together with the First among the best!





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EDUCATIONAL PROGRAMS IN ENGLISH OR UKRAINIAN

Bachelor's Degree

125 Information and Communication

172 Telecommunication systems and

Systems Security......14
163 Biomedical Engineering......15

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Specialty 125 (bachelor)

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Educational program «Information Security Management»

Students study the mechanisms of creating a complex system of information and cyber security, information security management in accordance with the international standards ISO27K series; information security of telecommunication and computer networks, web-security, security of banking systems and e-commerce systems, incident investigation mechanisms, risk management, audit of information and cyber security systems.

Professional Skills:

- 1. Creation, implementation, monitoring and improvement of information security management systems;
- 2. Audit of information security
- 3. Software development for detecting malware and cyber-attacks;
- 4. Conducting forensic examination of cyber-attacks;
- 5. Administration of secure computer and telecommunication networks;
- 6. Monitoring of critical parameters of information systems;
- 7. Information security incidents response;
- 8. Assessment of information security risks.

Employment prospects:

- · An information security manager;
- An engineer, specialist, chief specialist in information security;
- A head of information security department;
- An auditor of information security systems;
- A developer of systems and means of information protection;
- · An administrator of information security;
- An analyst of information security;
- A head of projects on information security;
- An officer of cyber security special forces.





Specialty 172 (bachelor)

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Educational program «Telecommunications»

Students learn: development and design of telecommunications networks of the next generation: personal communication networks (Bluetooth, Zigbee, UWB), access networks, transport networks (IP/ATM/MPLS); planning, self-organization, optimization of wireless networks, including 2G/3G/4G/5G mobile networks; configuring network and server equipment; network protocol stacks and traffic management mechanisms; software terminal devices, network software, cloud platforms, service-oriented architectures; next gen. digital television systems.

Professional Skills:

- 1. Telecommunication networks development
- 2. Wireless and mobile networks
- 3. Cloud technologies
- 4. Ip technologies
- 5. Information security of telecommunications

Employment prospects:

- DevOps;
- System Administrator;
- · System Engineer;
- Network Engineer;
- Network Administrator;
- Network Security Manager;
- Security Engineer;
- System Analyst;
- Business Analyst;
- CyberOps;
- Security Operations Center, SOC;
- · Project Manager;
- Technical Product Manager / Product Lead / Product Director / Group Product Manager;
- QA engineer.





Specialty 125 (master)

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Educational program «Administrative Management in the Field of Information Security»

The purpose of the educational program is to prepare highly qualified and competitive professionals with a solid competence in applying research and design methods for system and information security as well as cyber security systems.

Basic academic subjects: Methods for detecting and analyzing malware, Penetration Testing and Ethical Hacking, Security Software Development, Web-security, Digital Forensics, Advanced Networks and Cloud Security, Wireless & Mobile Security.

Professional Skills:

- 1. Audit of information systems
- 2. Malware analysis
- 3. Development of secure software
- 4. Conducting penetration tests
- 5. Network security
- 6. Web security
- 7. Database protection

Employment prospects:

- · An information security manager;
- An engineer, specialist, chief specialist in information security;
- · A head of information security department;
- An auditor of information security systems;
- A developer of systems and means of information protection;
- An administrator of information security;
- An analyst of information security;
- · A head of projects on information security;
- · An officer of cyber security special forces.





Specialty 172 (master)

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Educational program «Telecommunication systems and networks»

Students learn: research methodology of telecommunications; research and design of telecommunications networks of the next generation: personal communication networks (Bluetooth, Zigbee, UWB), access networks and transport networks (IP/ATM/M-PLS); research and design of wireless networks (Li-Fi, Wi-Fi, WiMax, LTE), including 2G/3G/4G/5G mobile networks; configuring network and server equipment; software terminal devices, network software, cloud platforms and service-oriented architectures. Professional Skills:

- 1. Design and research of telecommunication networks
- 2. Wireless and mobile networks design and research
- 3. Cloud network design and research
- 4. Design and research of IP networks
- 5. Design and research of information security systems for telecommunications Employment prospects:
- DevOps;
- System Administrator;
- System Engineer;
- Network Engineer;
- Network Administrator;
- Network Security Manager;
- Security Engineer;
- System Analyst;
- Business Analyst;
- Security Auditor;
- CyberOps;
- Security Operations Center, SOC;
- · Project Manager;
- Technical Product Manager / Product Lead / Product Director / Group Product Manager;
- QA engineer.





USEFUL TIPS

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To enter Ukraine for the purpose of studying, a foreign citizen must receive an invitation to study from the University. It is issued through an Agent who is registered with the Ministry of Education and Science of Ukraine and signed a contract with the University. To receive an Invitation, you must provide scanned copies of the following documents:

- Passport (valid for at least 9 months);
- A document on complete secondary education (or Bachelor's degree and diploma supplement).

Having received the original invitation, a foreign citizen applies to the Embassy of Ukraine in his country to obtain a student visa to enter Ukraine. When a visa is received and a ticket is purchased, the future student informs the Agent and the University of the date of arrival in Ukraine and the flight number so that he can be met and booked a place for in the hostel. The comfortable hostels of KHNURE are located near the University. If desired, the student can live in a private apartment. Foreign citizens study at KHNURE on the basis of a 3-sided contract (University-Student-Agent). They are credited based on test results and must provide the following documents:

- 1. A copy of your passport
- 2. Original Invitation
- 3. Certificate of education (certificate of completion of 12 years of secondary school or Bachelor's degree) and an appendix to it - original and a legalized copy.
- 4. Birth certificate
- 5. Medical certificate
- 6. 6 photos (60 x 40 mm).

The documents in clauses 3,4,5 must be legalized in accordance with the established legislation. They must have a stamp "Apostille" (for countries participating in the Hague Convention) or the seal of the Ministry of Education and the Ministry of Foreign Affairs of the country and the seal of the Embassy of Ukraine. After enrollment during the 1st semester, students are required to submit educational documents to undergo the nostrification (recognition) procedure at the Ministry of Education and Science of Ukraine. The received Certificate of Recognition entitles the student to continue their studies. After enrollment, a foreign student must appear at the KHNURE passport and visa service and, within 30 days, submit documents to legalize their stay in Ukraine.



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LIST OF DOCUMENTS FOR ADMISSION

1. Filled out questionnaire.

2. Invitation or letter of consent (for students from other Ukrainian higher education institutions).

3. Extract from the order of expulsion (for students from other Ukrainian higher education institutions).

4. Document on complete secondary education (original and legalized copy) (admission to 1-4 years).

-Ukrainian translation with notarization

5. Appendix to the document on complete secondary education, which contains information on academic performance in academic disciplines.

-Ukrainian translation with notarization

6. Academic reference (for students who came from other universities for 2nd, 3rd or 4th year).

- Ukrainian translation with notarization

7. Copy of the bachelor's degree diploma (to enter the master's program).

-Ukrainian translation with notarization (if needed)

8. Appendix to the bachelor's degree diploma.

-Ukrainian translation with notarization (if needed)

9. Translation of the passport into Ukrainian with notarization (original and 2 copies).

10. 6 photographs size 60x40 mm.

11. Certificate of completion of the preparatory faculty (except for the countries of the former CIS and foreign students studying in English).



CHOOSE THE FIRST AMONG THE BEST!



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Zazifaun Education Group

Zazifaun is a global leader in international education services. We help international students to study in Ukraine.

Our extensive network of approachable experts helps students identify and secure the university or college where they can thrive. We can connect students to the courses they desire to pursue in the most suitable university or institution located in the right city. We have been helping students for over half a century and have created a huge network of opportunities with

over half a century and have created a huge network of opportunities with offices in 20 countries. Since 2010, we have assisted more than 13722 students from 56 countries.

We now have offices and agents in (UAE, Saudi Arabia, Egypt, Qatar, Nigeria, In Tanzania, Kenya, Sudan, Ethiopia, Morocco, Tunisia, Ecuador, South Africa, Colombia, Lebanon, Syria, Yemen, Pakistan, Turkey).

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