



LOBACHEVSKY UNIVERSITY

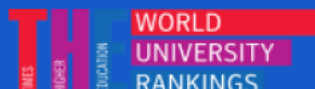
DENTISTRY

ENG.UNN.RU

Make people happy with their beautiful smiles

We have created all the conditions for successful practical training of students at clinics, where at their disposal they have all the necessary equipment for developing practical skills under the supervision of highly qualified experts.

After graduating from Lobachevsky University, young doctors will be ready to apply their knowledge for treating patients.



Program details



Degree: Specialist

Language: English

Entrance Exams: English, Chemistry

Tuition fee: 3 475 USD per year

Duration: 5 years

The curriculum and program of studies have been developed with the account of the specific nature of this course intended for international students.

- Modern technologies in medicine
- Topographic anatomy and operative surgery
- Research methods in dentistry
- Anesthesia in dentistry
- Minimally invasive technologies in dentistry
- Materials science in dentistry
- Dental diseases
- Prevention caries science and hard tissue diseases
- Periodontology diseases of the mouth mucous membrane
- Mouth cavity surgery
- Dental arch prosthetics
- Temporomandibular joint diseases
- Head and neck diseases
- Orthognathic and maxillofacial surgery
- Basic concepts of dental implantology
- Maxillofacial prosthetics
- Pediatric dentistry
- Orthodontics and pediatric prosthodontics
- Hematological aspects in dentistry
- Cancer apprehension in dental practice

vocational subject

Basics of dental restoration

2 ECTS

72 academic hours

The discipline starts on the 2 year of study

The discipline helps students to gain practical skills of aesthetic dentistry and dental restoration and does the groundwork for further capacity building of a professional dentist

You will study

- basic dental restoration aims and tools, common dental defects and possible restoration practices;
- types, characteristics and use of restoration materials for different types of dental problems;
- modern dental restoration techniques and methods

After this course you will

- know how to work with modern dental equipment, tools and materials;
- be able to use properly pharmaceutical products and dental materials, applying them within a comprehensive treatment and restoration plan

vocational subject

2 **Research methods in dentistry**

2 ECTS

72 academic
hours

The discipline starts on the 2 year of study

The primary purpose of this course is to teach a prospective dentist how to set a precise diagnosis of a dento-facial system or a maxillofacial area within a shorter time applying and combining different methods

You will study

- Clinical methods of examination: examination of a patient's oral cavity, dental arch form analysis, dental occlusion types and analysis, teeth examination by color, the state of the enamel
- Supplementary methods of dental examination: luminescent diagnosis, electroodontodiagnosis, rheography and other methods and indications for their use. Laboratory practices and tests, analysis of the results of research
- Basic and special methods of roentgenologic dental examination, MRI, dental CT scanning and particular aspects of their implementation. Artificial contrast study. Pros and cons of every method and the range of use. Safety issues

After this course you will

- have the skills to do dental screening of a patient and elaborate a comprehensive diagnosing plan
- be able to analyse the results of the examination and make the case for use of the materials, treating techniques and pharmaceutical products, apply the results to set a diagnosis
- be able to conduct a research, applicable to a research paper or thesis

vocational subject

Aesthetics in dentistry

The discipline starts on the 5 year of study

The objective of the discipline is to teach prospective dentists how to deal with aesthetics problems of dental arcades and single teeth, within a wide range of modern methods and techniques

3 ECTS

108 academic hours

You will study

- Basics of the dental aesthetics planning. Stages of the dental restoration. Treatment planning stages and aesthetic restoration tools
- How to choose dental enamel colouring, what kinds of colouring exist and how it can change depending on age and care
- How the dental restoration of a front dental arch differs from the side dental arch, what are the different techniques and materials, that can be used for aesthetics restoration.
- What is teeth whitening and what types of whitening exist
- Problems, that appear in dental aesthetics and how to deal with them

After this course you will

- know what equipment, tools and materials can be applicable in dental aesthetics and how to use them
- be able to assign medications and aesthetic procedures to patients
- be able to set a comprehensive treatment and restoration plan

vocational subject

4 Minimally invasive technologies in dentistry

3 ECTS

108 academic hours

The discipline starts on the 5 year of study

The main aim of the course is to provide students with minimally invasive techniques that can be used in different dental manipulations

You will study

- How to use dental microscopes and other equipment for micro-techniques
- What is a dental cofferdam and how to use it
- Modern minimally invasive techniques, basic principles. What is “bat-cave” preparation, slot-preparation
- What is mini-invasive orthopaedic restoration and what techniques it involves
- How microsurgery can be related to dentistry

After this course you will

- know what equipment, tools can be applicable for minimal dental invasion and how to use them
- be able to assign medications to patients
- be able to set a comprehensive treatment plan

vocational subject

Oncological issues in dentistry

3 ECTS

108 academic
hours

The discipline starts on the 5 year of study

The main aim of the course is to make students acquainted with examination, diagnosing and treatment of oncological diseases of a dento-facial system or a maxillofacial area

You will study

- What is benign tumor and what types of tumors can appear within a dento-facial system or a maxillofacial area. How to diagnose, examine and treat tumors. What is tumor-like tissue
- General principles of treating patients with dento-facial cancer. Examination and clinical screening. Pre-cancerous diseases: examination, treatment

After this course you will

- know key factors of oncopathological prevention and principles of medical follow-up of patients with cancer
- be ready to provide patients with preventive examination
- be able to identify patients with risk factors, that are prone to tumour induction of a dento-facial system or a maxillofacial area

Study, create, change the world

Lobachevsky University
is struggling for its research
excellence and brings up
talented researches from
the very young ages



Study, create, change the world

Employer's feedback

Graduates of Institute of biology and biomedicine have always been notable for a high level of academic knowledge and working competenses. They easily acquire new skills and are always open to implementation of new equipment for clinical laboratory and functional testing.

It is noteworthy, that young professionals are well up in modern tendencies of diagnostic techniques. They can easily become familiar with innovative diagnostic systems and put these innovations into everyday work, be helpful in advanced training of clinicians and bring in new diagnostic clues, which enhances the quality of medical assistance.

Graduates of Institute of biology and biomedicine have become an integral part of City Clinical Hospital №13 team, moving our clinic to further progress.



**Chief Doctor of
City Clinical
Hospital №13
Alexander
Razumovsky**

How to apply

1 Make sure you match the prerequisites

You should have at least B2 level of English and secondary education certificate or equivalent

10
july

**application
deadline**

2 Fill in the online application form

Complete all the fields carefully with the necessary information. Don't forget to attach your documents: a copy of your passport and educational documents, translations, medical certificates etc.

Our Admissions Team will contact you soon right after you submit the application form.



3

Receive the email from admissions officer

Our Admissions Team will check your documents and inform you about next steps of application procedure. It's better if you will find out more about visa and recognition of your documents in advance.



4

Pass the exam

You can find the list of examination questions here



5

Sign the educational contract and pay the tuition fee

The tuition fee for the program is 280 000 RUB (≈ 3 475 USD)
Please, note that it may change due to currency rate

Contact us

Don't hesitate to send us an email, if you still have questions.

Our Admissions Team will provide you with all the necessary information.

International Students Office



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admissions@unn.ru



Russia, Nizhny Novgorod,
Gagarin Ave., 23, office 306



Mon–Thu: 9:00–17:00
Fri: 9:00–16:00



Other programs

- Fundamental informatics & information technology
- Economics
- International relations
- Dentistry
- General medicine
- Management of business
- Sociology of politics & international relations

Useful links

- Application form
- How to get russian visa
- How to get the documents legalized and apostiled

