

Programs

Put Education in ZUMS front and center

Qualified to be attached to our Big ZUMS Family?

Degree programs

Undergraduate programs

An undergraduate or a first-level university student is a student working toward an Associate, B.Sc., M.D., D.D.S., or Pharm.D. degree. In other words, an undergraduate applicant is applied after a student has graduated from high school and intends to apply for one of the degrees in the following table:

Program's Title	Degree
Doctor of Medicine (M.D.)	M.D
Doctor of Dentistry (D.D.S.)	D.D.S.
M.Pharm./Pharm.D.	M.Pharm./Pharm.D.
Nursing	B.Sc.
Midwifery	B.Sc.

Doctor of Medicine (M.D.)

In order to become a doctor, you will need to obtain a doctorate degree in medicine. You will also need to get a medical license. In Iran, to obtain this degree you need about 6 and half years according to our latest system of education.



Basic skills that you obtain throughout this period are being able to: pay attention to detail, empathy, critical thinking, physical stamina, leadership, communications skills and the ability to use a variety of medical and diagnostic equipment such as ophthalmoscopes. You will practice under the supervision of our expert professors.

Students will be ready to practice in hospitals/ their clinics and can do their private practice. There are some special rules and regulations set by the ministry of health and medical education for international individuals to practice.

Language of Instruction

Classes during the first 2 years of the program are held in Persian, though some professors may hold their classes in English as well. However, before the students start their main courses of Medicine, there are special classes for medical students to learn Persian/ English or improve their language skills in both.

Since some of the majors and programs at the undergraduate level require students to have interaction with patients who speak Persian, learning Persian is obligatory for the students of such majors. The university undertakes the responsibility of holding classes of teaching Persian via contracts with Faculty of Languages at Zanzan University.

Location

All M.D courses and Persian classes will be held in Zanzan University of Medical Sciences.

Program Duration

The Doctor of Medicine (M.D.) program lasts at least 6.5 years.



Doctor of Dental Surgery (D.D.S)

D.D.S. is six academic years in duration and is similar in format to medical school. The period consists of basic medical and dental sciences for two years, followed by clinical training (with continued didactic coursework) for 4 years. After graduating, the new dentists may go

directly into practice or apply to residency programs which train dentists in advanced general dentistry. D.D.S. programs usually require the dentists to carry out a wide variety of practices via rotating in various dental departments which in turn bring up highly professional dentists for working with patients.

Language of Instruction

Classes during the first 2 years of the program are held in Persian, though some professors may hold their classes in English as well. However, before the students start their main courses of Dentistry, there are special classes for medical students to learn Persian/ English or improve their skills in both languages.

Since some of the majors and programs at the undergraduate level require students to have interaction with patients who speak Persian, learning Persian is obligatory for the students of those majors. The university undertakes the responsibility of holding classes of teaching Persian via contracts with Language Department at Zanzan University.

Location

All D.D.S courses and Persian classes will be held in Zanzan University of Medical Sciences.

Program Duration

The Doctor of Dentistry Surgery program lasts at least 6 years.

Program Overview

The doctoral dental surgery program leads to the award of the doctor of dental surgery(D.D.S.) degree. The objectives of this program are education of competent general practitioners of dentistry. The program

is completed in six academic years including courses in biochemistry, physiology, histology, dental anatomy, head and neck anatomy and inflammation. Students are introduced to the fundamentals of the oral examination, oral radiology, dental materials, prosthodontics, operative dentistry, periodontology and prevention of dental disease. The program emphasizes development of the skills needed for dental procedures and includes didactic and laboratory courses in facial growth, fixed and removable prosthodontics, operative dentistry, oral surgery, periodontology and endodontology, as well as clinical work in periodontology and operative dentistry. The program also covers subjects such as microbiology, immunology, pathology, nutrition and pharmacology. The curriculum includes courses on caries, occlusion, and pain and anxiety control. Behavioral science (patient management) and public health aspects of dentistry are also covered.

Students pass some general and basic sciences subjects, both theoretical and practical, in classes and laboratories. in the first year. Over the second and third years, students pass specialized subjects and the general subjects, both theoretically and practically. In the third year, students enter pre-clinic courses learn the models and moulages in laboratories. Treating patients is started in this stage.

Dental Public Health, Oral Surgery, Oral Diseases and Diagnosis, Oral Radiology, Oral Pathology, and Operative Dentistry, Orthodontics, Periodontics, Pediatric Dentistry, Traumatology, Advanced Operative Dentistry, Advanced Endodontics, Advanced Oral Surgery, and Research Methodology have been planned for student's fifth year of studies.

Complementary courses for the treatment of difficult cases, and getting prepared for the internship and pre-doctoral courses are for eleventh semester. In the twelfth semester, students enter the main clinic. Here, pre-doctoral course work on all types of treatments necessary for all kinds of patients are practiced.

M.Pharm./Pharm.D.



The Pharm D program is a Professional Doctorate of 6 years. It is introduced to improve Clinical Pharmacy Services. The Pharm D degree requires 5-years of a Classroom and Hospital-based didactic study followed by 1-year of Internship Training in addition to ongoing practicals and research project. With reference to Pharm D qualification, it is clarified that passed- out students can directly register for Ph.D.

The academic study includes subjects such as basic sciences, Hospital Pharmacy, Community Pharmacy, Pharmacotherapeutics, Clinical Pharmacy, Biostatistics and Research Methodology, Clinical Toxicology, Clinical Research, Pharmacoepidemiology, Pharmacoeconomics, Clinical Pharmacokinetics and Pharmacotherapeutic Drug Monitoring. Further to add, in the fifth year of the course the candidate has to perform a project work for six months.

After studying basic sciences for 2 years and then continuing specialized pharmacy courses, students have the choice of either involvement in specifically related job or apply for a higher degree.

The curriculum provides students with the opportunity to develop their skills both in theory and practice. The graduates gain the opportunity to work in many different situations such as industrial and pharmaceutical companies, quality control laboratories, poison control centers, cosmetic companies, cellular pharmacology, herbal medicine, biotechnology research, and academia.

The Pharmacy School of ZUMS makes an effort to train scientists for providing health care and pharmaceutical services, their involvement in research and programming organizations. Training such scientists will lead to health care system progress while using new methods and technologies to develop innovative pharmaceutical products and providing consultation, helping diagnose, treat and prevent diseases. It is clear that creativity, innovation, teamwork and professional ethics are central to this field.

B.Sc. of Nursing

You are invited to join our expert and caring faculty, who will prepare you to practice in a variety of settings, including hospitals, nursing homes, medical offices, ambulatory care centers, community health centers, schools and more.



Our bachelor of science in nursing degree program means theory-based teaching, clinical experience and attention to personal growth. The program prepares students for a career as a nursing focused on being a provider and manager/coordinator of care. The bachelor of science degree in Nursing is a four-year program that offers a broad foundation. Graduates are eligible to take the national examination for licensure as registered nurses. A four-year degree also is the foundation for the advanced education needed to become a nurse educator, nurse practitioner, clinical nurse specialist, nurse anesthetist, nurse administrator, or nurse researcher.

Our program qualifies you for direct and indirect patient care, which includes individuals, families, groups, communities and populations.

Some highlights of the program include:

Responsible Conduct of Research

Philosophy of Bioethics

Introduction to Clinical Ethics

Contemporary Issues and Trends in Alcohol and Substance Abuse

Physical Assessment

Pharmacology

The Science of Health Promotion and Disease Prevention

HIV/AIDS Community-based Care

Nursing Practice

Nursing Practice: Skills Lab

Issues of Nursing Practice

Case Management

Nursing Practice with Adults

Science of Nursing Practice in the Community

Nursing Practice in the Community

Physical Assessment

Physical Assessment: Lab

Pharmacology

Applications are available in fall and spring. The interested students must complete and submit an online application at <http://edu.ir.com> or ZUMS website or through IRO email. The instructions on completing. Freshman and Transfer students, are available in <http://edu.ir.com> . Additional information for Freshman and for Transfer students can be provided by email communications with IRO.

Our freshmen receive education based on standards. We deliver courses which are cost-effective with high-quality.

B.Sc. in Midwifery

We appreciate your interest in ZUMS University's School of Midwifery and we cannot wait to meet you in person. Midwifery is a self-regulating profession in ZUMS. Midwives provide care for childbearing women and other pregnant people and their newborn babies from early pregnancy to six weeks postpartum.



Midwifery at ZUMS is a dynamic and innovative program with faculty engaged in active clinical practice, leading edge research, and professional leadership.

If you are thinking about attending ZUMS, you'd better start by comparing our cost-effective and unique courses fitting your needs with outstanding professors. Schedule a tour to see our university in person. At these sessions, faculty will present and be available for questions. If there is time, they may be able to go over unofficial transcripts with you. If there is not time, please feel free to set up an appointment with one of our academic members.

The Midwifery Education Program at ZUMS offers a 4 year Full-Time BHSce.

B.Sc. Program Course Summary in Midwifery:

- Symptomatology and Physical Examination
- Psychiatric Midwifery
- Pregnancy and Childbirth Internship, Related Care and Delivery at Home
- Women's Diseases and Emergencies Internship
- Women's Diseases and Infertility
- Sexual Dysfunction, Related Education and Counseling
- Women's Diseases Internship • Pregnancy, Childbirth, and Related Care
- Pregnancy and Childbirth Internship