



**SZŠVOŠZ**

Střední zdravotnická škola  
a Vyšší odborná škola  
zdravotnická Plzeň

**College of Higher Medical Education  
Plzeň**

## **Study Programmes**

Qualified General Nurse  
Qualified Paediatric Nurse  
Qualified Nutritional Therapist  
Qualified Dental Hygienist  
Qualified Dental Technician  
Qualified Pharmacy Assistant  
Qualified Lab Technician  
Social Worker

## Qualified General Nurse

**Code of study:** 53-41-N/11

**Level of education:** Higher vocational education

**Length and mode of study:** 3 years – full time

**Access requirements:** Secondary school leaving certificate, completion of entrance requirements, no medical contraindication.

**Graduation examination and certification:** Absolutorium, Absolutorium report, Diploma on higher vocational education

**Awarded degree and conferred title:** Qualified Specialist – DiS.



### Course description

The study programme was designed by “Association of Bohemia, Moravia and Silesia secondary medical schools’ headmasters” within the project “Preparation of training programmes for colleges of higher medical education”. It meets high-quality EU requirements and is valid for all colleges. The content of curricula was set up to get student familiarised with all the knowledge and skills, which are necessary for providing nursing profession independently in the field of health care, prevention and care for patients in different clinical branches. Students learn how to organize, manage and provide complex nursing care for individuals, families or groups of clients/patients (supportive, preventive, diagnostic, therapeutic, rehabilitation, emergency and dispensary), participate in public health protection, distinguish somatic and psychosomatic client’s needs,

provide the overall care for the client/patient through the method of nursing process. Student is educated in multidisciplinary branches, in the field of psychology, management, pedagogy, sociology. The output knowledge and skills are obtained by students during the study of medical sciences, e.g. anatomy, physiology, pathology, microbiology, nursing, paediatrics, gynaecology and obstetrics, neurology, psychiatry, as well as social studies (psychology, communication, sociology).

### **Career opportunities**

Graduate will achieve qualification to work as a qualified general nurse in all types of state and nonstate health care facilities, both outpatient and inpatient settings, in private care agencies (home care, community care), general practitioners' offices, hospitals. He/she can also work as a health care worker in facilities of social services and social care. The branch of study meets the demands stated by EES regulation on general nurses training and enables graduate to find employment in EU labour market.

## Qualified Paediatric Nurse

**Code of study:** 53-41-N/51

**Level of education:** Higher vocational education

**Length and mode of study:** 3 years – full time

**Access requirements:** Secondary school leaving certificate, completion of entrance requirements, no medical contraindication

**Graduation examination and certification:** Absolutorium, Absolutorium report, Diploma on higher vocational education

**Awarded degree and conferred title:** Qualified Specialist – DiS.



### Course description

The study programme was designed by “Association of Bohemia, Moravia and Silesia secondary medical school headmasters”. It meets high-quality EU requirements and is valid for all higher colleges.

The content of curriculum was set up to get student familiarised with all the knowledge and skills, which are necessary for providing paediatric nursing profession independently in the field of health care, prevention and care for paediatric patients in different clinical branches. It provides nursing skills in relation to paediatrics, neonatology and other medical disciplines, e.g. maternal and newborn care, paediatric surgery, orthopaedics and traumatology of the musculoskeletal system, child and adolescent psychiatry, paediatric and adolescent gynaecology, intensive child care, paediatric palliative and

community care, as well as skills enabling to participate in the educational care of children of all ages and practical training of health professionals.

Practical training takes place in hospitals and other children's facilities providing health and social care with the cooperation of qualified paediatric nurses and other health care professionals qualified to perform activities without professional supervision.

### **Career opportunities**

Graduate will achieve qualification to work as a qualified paediatric nurse in all types of health care facilities, as a healthcare worker in social services and care facilities or in private nursing care. The branch of study meets the demands stated by EES regulation on paediatric nurses training, and enables graduate to find employment in EU labour market.

The graduates have competencies enabling them to perform the profession of paediatric nurse at the desired level and to develop their knowledge, skills and attitudes within further education and thus support their professional growth.



## Qualified Nutritional Therapist

**Code of study:** 53-41-N/41

**Level of education:** Higher vocational education

**Length and mode of study:** 3 years – full time / part time

**Access requirements:** Secondary school leaving certificate, completion of entrance requirements, no medical contraindication

**Graduation examination and certification:** Absolutorium, Absolutorium report, Diploma on higher vocational education

**Awarded degree and conferred title:** Qualified Specialist – DiS.



### Course description

The educational programme is aimed to obtain knowledge and professional skills needed to ensure preventive care in the field of clinical nutrition. Student is trained to provide nutritional and specific nursing care, assess clients'/ patients' nutritional needs according to their diagnosis, develop and implement nutritional programmes, evaluate and report the effects of nutritional therapy, provide counselling, education, offer advice on diet-related concerns (such as to

people suffering from diabetes, obesity), promote public health prevention, teach individuals, families and groups how to care for health and follow the principles of healthy lifestyle. Student receives knowledge on modern trends in nutritional care providing, he is trained in subjects as anatomy, physiology, pathology, dietology, therapeutic nutrition, home and primary care, psychology, biochemistry, food chemistry, microbiology, epidemiology and hygiene.

### **Career opportunities**

Graduate will achieve qualification to work as a qualified nutritional therapist in the field of preventive and therapeutic nutrition, manage food service system in all types of hospitals or medical facilities, sanatoria and medical institutions for children and adults. Other job opportunities cover outpatient preventive care centres, nutritional teams, consultant facilities, nutritional-care offices.

## Qualified Dental Hygienist

**Code of study:** 53-41-N/31

**Level of education:** Higher vocational education

**Length and mode of study:** 3 years – full time

**Access requirements:** Secondary school leaving certificate, completion of entrance requirements, no medical contraindication

**Graduation examination and certification:** Absolutorium, Absolutorium report, Diploma on higher vocational education

**Awarded degree and conferred title:** Qualified Specialist – DiS.



### Course description

The study programme was designed by “Association of Bohemia, Moravia and Silesia secondary medical schools headmasters” within the project “Preparation of training programmes for colleges of higher medical education”. It meets high-quality EU requirements and is valid for all colleges. Dental hygienist programme prepares students to practice dental preventive and therapeutic care of oral hygiene. Students learn how to examine oral cavity, take and work out patient’s history, take intraoral radiographs, teeth imprints, perform professional teeth cleaning, including plaque and tartar removing, care for sensitive dentin, apply fluoride to patient’s teeth, provide specific oral



hygiene instruction to the patient to prevent cavities, gingivitis and gum disease, work with dental instruments and equipment (e.g. X-ray), perform prophylaxis, polishing, scaling and root planning. Study programme integrates clinical, laboratory and classroom learning on topics in anatomy, physiology, general histology, general pathology, microbiology, preventive medicine and social hygiene, preventive dentistry, periodontology, oral hygiene.

### **Career opportunities**

Graduate will achieve qualification to work as a qualified dental hygienist in both private and state dentistry facilities and dental teams, dentist's offices, in specialized places of preventive dental care.

## Qualified Dental Technician

**Code of study:** 53-44-N/11

**Level of education:** Higher vocational education

**Length and mode of study:** 3 years – full time

**Access requirements:** Secondary school leaving certificate, completion of entrance requirements, no medical contraindication.

**Graduation examination and certification:** Absolutorium, Absolutorium report, Diploma on higher vocational education

**Awarded degree and conferred title:** Qualified Specialist – DiS.



### Course description

The study programme of Diploma Dental Technician started at Pilsen College of Higher Medical Education in the school year 2015 – 2016. At present, study at the college is necessary for graduates of high schools to be able to work independently without professional supervision. The programme meets high-quality EU requirements and is valid for all higher colleges.

The study places a great emphasis on the manual dexterity, accuracy and aesthetic feeling of students. Practical training is carried out in the school dental laboratory under the supervision of experienced both internal and external teachers. Professional theoretical subjects are taught by dentists working in the Dental Clinic in Pilsen or private dental laboratories. The school collaborates with the management of the Dental Clinic of the Teaching hospital in Pilsen, in their dental laboratory and phantom classroom students have opportunity to see medical students' education and the real dental laboratory management.

Professional courses take place in state or private dental laboratories, where students produce dental appliances for patients. This is a great benefit for them as they have a close contact with new process of making artificial dentures. In this field, new materials are constantly being developed and this places great demands on the study of both theoretical subjects and practical training. New trends in the production of dental prostheses and other prosthetic appliances are also obtained by visiting the international exhibition of dental technology Pragodent.

### Career opportunities

Graduate will achieve qualification to work not only as a qualified dental technician in the dental laboratory, but as a dental instrumental specialist in the dentist's office as well. The branch of study meets the demands stated by EES regulation on dental technology training and enables graduate to find employment in EU labour market.

## Qualified Pharmacy Assistant

**Code of study:** 53-43-N/11

**Level of education:** Higher vocational education

**Length and mode of study:** 3 years – full time

**Access requirements:** Secondary school leaving certificate, completion of entrance requirements, no medical contraindication.

**Graduation examination and certification:** Absolutorium, Absolutorium report, Diploma on higher vocational education

**Awarded degree and conferred title:** Qualified Specialist – DiS.



### Course description

The study programme was designed by “Association of Bohemia, Moravia and Silesia secondary medical schools headmasters” within the project “Preparation of training programmes for colleges of higher medical education”. It meets high-quality EU requirements and is valid for all colleges. Study programme prepares students to work in pharmaceutical facilities. Students learn how to prepare prescription medications, in vitro diagnostic devices, give out and check medicaments and medical supplies, provide information on using and storing medicaments, give out over-the-counter medicaments, carry out

activities, such as ordering, storing, distributing pharmaceuticals and medical supplies, especially in health-care facilities of pharmacy care, in-patient and out-patient facilities.

They learn how to use advanced methods, modern appliances and IT technology. Study programme integrates clinical, laboratory and classroom learning on topics in anatomy, physiology, pathology, pharmacology, analysis of drugs, preparation of medicaments, pharmaceutical chemistry, pharmacognosy. Students develop modern approaches in health care providing.

### **Career opportunities**

Diploma holder is entitled to work in all types of pharmacies (retail/community, hospital) medicinal plants shops, medical supplies shops, college departments of pharmacy, medicine and natural sciences, laboratories aimed at medicaments inspection, dispensaries, facilities concerning medicaments production and distribution.



## Qualified Lab Technician

**Code of study:** 53-43-N/21

**Level of education:** Higher vocational education

**Length and mode of study:** 3 years – full time /part time

**Access requirements:** Secondary school leaving certificate, completion of entrance requirements, no medical contraindication.

**Graduation examination and certification:** Absolutorium, Absolutorium report, Diploma on higher vocational education

**Awarded degree and conferred title:** Qualified Specialist – DiS.



### Course description

The study programme was designed by “Association of Bohemia, Moravia and Silesia secondary medical schools’ headmasters” within the project “Preparation of training programmes for colleges of higher medical education”. It meets high-quality EU requirements and is valid for all colleges. The student is trained to work in clinical laboratories of health-care facilities. The study programme prepares students how to analyze biological material using sophisticated methodology approaches, laboratory appliances and computer

technology. Students are trained to take samples, process biological specimens, evaluate results including screening, maintain laboratory equipment, and operate laboratory and information technology.

### Career opportunities

Graduate will achieve qualification to work as a qualified lab technician in clinical laboratories of biochemistry, haematology, histology, microbiology in all types of health-care facilities, as well as in specialized laboratories of genetics, toxicology, forensic medicine, hygiene, epidemiology, and sexology. The other work opportunities are offered in analytic laboratories of research institutions, in laboratories of medical and pharmaceutical facilities. In addition to classical laboratories graduate of this branch can be employed in scientific and experimental organizations, in veterinary medicine, as well as within other fields, e.g. water management and food processing industry.

## Social Worker

**Code of study:** 75-32-N/01

**Level of education:** Higher vocational education

**Length and mode of study:** 3 years – full time /part time

**Access requirements:** Secondary school leaving certificate, completion of entrance requirements, no medical contraindication.

**Graduation examination and certification:** Absolutorium, Absolutorium report, Diploma on higher vocational education

**Awarded degree and conferred title:** Qualified Specialist – DiS.



### Course description

Social work students will receive training to enable them to offer services for a client or group of clients. The study programme focuses on education in the field of social law, social rehabilitation and counselling, social diagnostics, social prevention and protection, and social intervention. The training programme provides students with the skills and knowledge they need to apply methods and techniques of social work, e.g. monitoring individuals and groups of people who are experiencing crisis, working with specific groups of people such as seniors, mentally or physically handicapped people, minorities and migrants, long-term unemployed people etc. Students learn how to provide support individuals, families and groups within community, help people who have been socially

excluded, maintain accurate records and prepare reports for legal action, conduct interviews with service users to assess and review their situation, undertake and write up assessment, provide prevention and education. The course plan includes subjects as psychology, sociology, law, social politics, social philosophy, ethics, and methodology of research. Communication skills and therapeutic methods are also trained to be able to deal with clients effectively.

### **Career opportunities**

Graduate will achieve qualification to work as a qualified social worker in all types of state and nonstate social-care facilities, social departments of municipal authorities, pension security administration offices, social care institutions, including senior houses, social care services, centre for people in crisis, and children's homes. They may work in health-care facilities and hospitals, such as long-stay wards, psychiatric clinics, day-care institutions, family and psychology counselling offices, community centres, helplines, charities, facilities for handicapped people, and prison service. Graduate can also be an independent social rehabilitation worker.