

## Description of intended learning outcomes for degree courses

<ul style="list-style-type: none"> <li>• Name of the study program: <i>Dental Techniques</i></li> <li>• Subject area coverage:             <ul style="list-style-type: none"> <li>a) priority area of medical sciences, health of sciences, physical culture sciences</li> <li>b) subject area of medical and health sciences</li> <li>c) discipline: of medical biology, stomatology</li> </ul> </li> <li>• Level of qualification: first cycle (7 semesters)</li> <li>• Profile of the program: practical</li> <li>• Mode of study: full time and part time</li> <li>• Qualification awarded: bachelor's degree</li> </ul>		
<b>Symbols</b>	Description of directional learning outcomes After completing the of first cycle in <i>Dental Technology</i> graduate:	The reference to the effects of education in the field of education in the medical sciences, health sciences and physical education (symbols)
<b>Knowledge - Graduate</b>		
K_W01	Understands the biomedical basis of dental techniques and their place in the life sciences, medical and social sciences	M1_W01 M1_W09
K_W02	Uses knowledge of psychosocial and anthropo-physiological system, with particular emphasis on the importance of the stomatognathic system	M1_W02 M1_W04
K_W03	Knows the basics of prosthetics and orthodontics and proper terminology for the dental technician	M1_W10
K_W04	Explains the theories and technologies of prosthetic and describes the preventive, curative and rehabilitative action	M1_W10
K_W05	Characterizes and assesses the impact of technical and dental materials on the human body	M1_W07
K_W06	Explains the determinants of health, health care organization in Poland and the principles of social health policy	M1_W06 M1_W09
K_W07	Describes the failure of orthodontic problems and effect of individual elements of orthodontic devices	M1_W03
K_W08	Has a basic knowledge of law, economics, information technology, management, including quality management and business, particularly with respect to laboratory techniques as well as with the principles of ethics	M1_W08 M1_W12
K_W09	Defines the principles of industrial property rights, copyright, data protection and patent	M1_W11
K_W10	Indicates the objectives and tasks of emergency medical services, health and safety at work and environmental safety	M1_W05
K_W11	Understands the subject, concepts and methodology of biomedical research, the principles of analyzing the results and publishing the data, also in English	M1_W09 M1_W10

K_W12	Knows the rules of hygiene and preventive dentistry	M1_W06
<b>Skills - Graduate</b>		
K_U01	Performs in cooperation with the dentist, laboratory technician works in the field of dental techniques	M1_U01 M1_U02 M1_U07
K_U02	Draws, shapes, images of anatomical shapes of teeth, dentures elements	M1_U05 M1_U11
K_U03	Selects materials and technologies for restorations and orthodontic works	M1_U10
K_U04	Maintains laboratory equipment and uses computer techniques in dental laboratories, in accordance with good industrial hygiene	M1_U02 M1_U06
K_U05	Uses a variety of techniques and interpersonal communication in the patient-client relationships	M1_U03 M1_U04
K_U06	Describes the types of missing teeth, choosing appropriate prosthetic and how they are implemented	M1_U05
K_U07	Critically evaluates the work done at each stage of the laboratory	M1_U07
K_U08	Recognizes the parts and functions of the stomatognathic system and causes and types of damage and orthodontic restorations	M1_U04
K_U09	Proposes actions to promote prevention of educational infant's teeth, tooth decay and other diseases, including infectious and civilization diseases	M1_U05
K_U10	Plans to conduct a small dental business, including documentation of prosthetic and orthodontic work and cost accounting in accordance with the principles of economic and legal regulations	M1_U09 M1_U08 M1_U10
K_U11	Uses a variety of techniques and information sources, including the Internet, including the preparation and presentation of the thesis	M1_U06 M1_U10 M1_U12 M1_U13
K_U12	Demonstrates their language ability in fields of medical sciences relevant to the dental techniques, as required for level B2 of the European Framework of Reference for Languages	M1_U14
K_U13	Explains the multi-factorial determinants of health, the need for its conservation and environmental protection	M1_U05
<b>Social competence - Graduate</b>		
K_K01	Is aware of the need for improvement of professional skills, respect for intellectual property protection, and legal and economic determinants of economic activity	M1_K01
K_K02	Works with a dental team, making organizational improvements to increase the efficiency	M1_K04 M1_K02 M1_K06

K_K03	Is aware of health and environmental risks and the role of health promotion in the interest of patients	M1_K05 M1_K03
K_K04	Creates favorable conditions for improving the quality of services based on legal and ethical considerations and professional health and safety regulations	M1_K07
K_K05	Recognizes the role of physical fitness, including healthy life style	M1_K09
K_K06	Uses a variety of areas of expertise - professional dental technicians and dental prophylaxis - in problem solving	M1_K08

Explanation of symbols:

K - (before the underscore) directional effect of education;

W, U, F - (the underscore) category effect (W - knowledge, U - Skills, K - social skills);

01, 02, 03 - the number of training effect.