

# Pomorski Uniwersytet Medyczny w Szczecinie

## SYLLABUS of the MODULE (SUBJECT)

### General information

<b>Module title: University Medical and Dental Final Examination (ULDEK)</b>	
Module type	Obligatory/Facultative (select)
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medical and Dentistry
Specialty	-
Level of study	long-cycle
Mode of study	full-time/part-time
Year of studies, semester	Year 5, semester X
ECTS credits (incl. semester breakdown)	-
Type/s of training (Number of hours)	Lectures - 20
Form of assessment <sup>1</sup>	<input checked="" type="checkbox"/> graded assessment: <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input checked="" type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul> <input type="checkbox"/> non-graded assessment <ul style="list-style-type: none"> <li><input type="checkbox"/> final examination: <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul> </li> </ul>
Head of the Department /Clinic, Unit Module	Dr hab. n. med. Alicja Nowicka prof. PUM
Tutor or person responsible for the subject/module	Dr n. med. Katarzyna Barczak katarzyna.barczak@pum.edu.pl
Name and contact data of the unit	Chair and Department of Conservative Dentistry and Endodontics Al. Powstańców Śląskich 72 / 18( SPSK2) 70-111 Szczecin e-mail: zstzach@pum.edu.pl
Department's/Clinic's/Unit's website	<a href="https://www.pum.edu.pl/wydzialy/wydzial-medycyny-i-stomatologii/katedra-i-zaklad-stomatologii-zachowawczej-i-endodoncji">https://www.pum.edu.pl/wydzialy/wydzial-medycyny-i-stomatologii/katedra-i-zaklad-stomatologii-zachowawczej-i-endodoncji</a>
Language	Polish/English

<sup>1</sup>

\* where applicable, replace  into

Other units teaching the course	Department of Periodontology Al. Powstańców Śląskich 72 / 18( SPSK2) 70-111 Szczecin e-mail: zperio@pum.edu.pl
	Independent Pediatric Dentistry Laboratory Al. Powstańców Śląskich 72 / 18( SPSK2) 70-111 Szczecin e-mail: zstdz@pum.edu.pl
	Department of Maxillofacial Surgery ul. Unii Lubelskiej 1, 71-252 Szczecin( SPSK1) e-mail: klchsztw@pum.edu.pl
	Department of Prosthodontics Al. Powstańców Śląskich 72 / 18( SPSK2) 70-111 Szczecin e-mail: zprotst@pum.edu.pl
	Department of Dental Surgery Al. Powstańców Wielkopolskich 72/18 (SPSK2) 70-111 Szczecin e-mail: kzchstom@pum.edu.pl
	Department of Orthodontics Al. Powstańców Śląskich 72 / 18( SPSK2) 70-111 Szczecin e-mail: kizortod@pum.edu.pl

### Detailed information

Module objectives	<p>The main educational objective of the course is to acquire and consolidate the knowledge necessary for students to take the Medical and Dental Final Examination. Detailed objectives:</p> <ul style="list-style-type: none"> <li>- Learning modern diagnostic techniques and treatment methods of caries disease and pathology of pulp and periapical tissues</li> <li>- Diagnosis and treatment of pathology in the head (maxillofacial region) and neck area</li> <li>- assessment of prognosis and qualification for tooth extraction</li> <li>- diagnosis and treatment of defects of the masticatory organ using modern materials</li> <li>- diagnosis, differentiation and classification of periodontal diseases and oral mucosa pathology</li> <li>- planning prosthetic treatment</li> </ul>	
Prerequisite /essential requirements	Knowledge	<ul style="list-style-type: none"> <li>- Knowledge of basic principles of caries treatment</li> <li>- Knowledge of basic principles of endodontic treatment</li> <li>- Knowledge of anatomy of nerves and salivary glands.</li> <li>- Knowledge of occlusal norms at different stages of individual development</li> <li>- Knowledge of anatomy and morphology of periodontium and oral mucosa</li> </ul>
	Skills	<ul style="list-style-type: none"> <li>-conducts medical history and physical examination of a patient</li> <li>- provides patient with explanation about nature of ailment, prescribes treatment confirmed by patient's free consent</li> <li>-keeps current patient records writes referrals for specialist dental and general medical examination or treatment</li> <li>-interprets results of additional examinations</li> <li>- prescribes drugs with regard to their interactions and side effects</li> <li>-establishes indications for specific dental procedures</li> <li>-knows about the prevention of oral cavity diseases</li> <li>-knows the rules of proceeding in case of diseases of the masticatory organ tissues, injuries of teeth and jaw bones</li> <li>-knows the rules of proceeding in case of general and local complications during and after dental procedures</li> <li>-establishes treatment in diseases of tissues of the stomatognathic system</li> <li>-diagnoses and treats periodontal diseases in basic scope</li> <li>-diagnoses, differentiates and classifies malocclusion</li> <li>- conducts treatment to prevent malocclusion in relation to deciduous teeth and early replacement of teeth</li> <li>-conducts prosthetic rehabilitation in simple cases in terms of clinical and</li> </ul>

		laboratory management
	Competences	The need for constant updating of knowledge

<b>Description of the learning outcomes for the subject/module</b>			
<b>No. of learning outcome</b>	<b>Student, who has passed the (subject) knows /is able to /can:</b>	<b>SYMBOL (referring to) Learning outcomes for the major</b>	<b>Method of verification of learning outcomes*</b>
W01	knows occlusion norms in different phases of ontogenesis and deviations from norms	K_F.W01	Test colloquium (KT)
W02	knows and understands mechanism leading to organ and systemic pathology (incl. of infection, auto-immunological diseases and ones caused by immune deficit, metabolic and genetic diseases)	K_F.W02	KT
W03	knows rules of prophylactic-therapeutic procedures in diseases of stomatognathic system in different phases of development	K_F.W03	KT
W04	knows principles of conduct of pulp diseases and mineralized tooth tissue and injury of tooth and facial skeleton	K_F.W07	KT
W05	knows principles of conduct of periapical diseases	K_F.W08	KT
W06	knows principles of conduct of cyst, precancerous condition and neoplasm of head and neck	K_F.W10	KT
W07	knows diagnostics and treatment of parodontium and diseases of oral mucosa	K_F.W11	KT
W08	knows causes and procedures for management with complications of stomatognathic system diseases	K_F.W14	KT
W09	knows rehabilitation methods for stomatognathic	K_F.W16	KT
W10	knows principles of construction and operation of fixed and removable orthodontic appliances	K_F.W20	KT
W11	knows symptoms, course and procedures for certain diseases of oral cavity , head and neck with regard to age groups	K_F.W05	KT

Table presenting LEARNING OUTCOMES in relation to the form of classes								
No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	E-learning	Other forms
1.	K_F.W01	X						
2.	K_F.W02	X						
3.	K_F.W03	X						
4.	K_F.W07	X						
5.	K_F.W08	X						
6.	K_F.W10	X						
7.	K_F.W11	X						
8.	K_F.W14	X						
9.	K_F.W16	X						
10.	K_F.W20	X						
11.	K_F.W05	X						

Table presenting TEACHING PROGRAMME Department of Conservative Dentistry and Endodontics			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
<b>Summer semester</b>			
<b>Lectures</b>			
TK 01	Contemporary diagnosis of pulp and periapical tissue diseases.	1	W05
TK 02	Direct reconstruction of posterior teeth - possibilities and limitations.	1	W03, W04
TK 03	Minimally invasive endodontics.	1	W05
TK 04	Errors and complications in dental treatment.	1	W08

<b>Booklist: Department of Conservative Dentistry and Endodontics</b>
Obligatory literature:
1. Stomatologia Zachowawcza. Zarys kliniczny. Podręcznik dla studentów stomatologii, Red.: Jańczuk Z., Kaczmarek U., Lipski M., wydanie IV, PZWL Warszawa 2014
2. Kariologia Współczesna. Postępowanie kliniczne. Piątowska D. wydanie I, Med. Tour Press, Warszawa 2009
3. Współczesna endodoncja w praktyce, Arabska-Przedpeńska B., Pawlicka H. wydanie I, Bestom Łódź 2012
Supplementary literature:
1. Kliniczne postępowanie w kanałowym leczeniu zębów. Halina Pawlicka. Wyd. 2007
2. Endodoncja wieku rozwojowego i dojrzałego. Autor Maria Barańska-Gachowska Red. Lidia Postek-Stefańska Wyd. 2011
3. Współczesna stomatologia wieku rozwojowego. Dorota Olczak-Kowalczyk, Joanna Szczepańska, Urszula Kaczmarek Wyd. 2017 Rozdziały: IV-IX D.L.

<b>Table presenting TEACHING PROGRAMME Department of Periodontology</b>			
<b>No. of a teaching programme</b>	<b>Teaching programme</b>	<b>Number of hours</b>	<b>References to learning outcomes</b>
<b>Summer semester</b>			
<b>Lectures</b>			
TK 01	New classification of periodontal diseases in clinical practice	1	W07
TK 02	Selected diseases of oral mucosa - from primary efflorescence to diagnosis.	1	W07
<b>Booklist: Department of Periodontology</b>			
Obligatory literature:			
1. Choroby przyzębia - Klasyfikacja 2017. pod red. Renaty Górskiej, PZWL 2018			
2. Diagnostyka i leczenie chorób błony śluzowej jamy ustnej, pod red. Renaty Górskiej, Med. Tour Press International Otwock 2011			
Supplementary literature:			
1. Periodontologia współczesna. R. Górka i T. Konopka, Med. Tour Press International, Otwock 2013			

<b>Table presenting TEACHING PROGRAMME Independent Pediatric Dentistry Laboratory</b>			
<b>No. of a teaching programme</b>	<b>Teaching programme</b>	<b>Number of hours</b>	<b>References to learning outcomes</b>
<b>Summer semester</b>			
<b>Lectures</b>			
TK 01	Identification of deciduous teeth	1	W04
TK 02	Abnormalities of teeth in children, in structure, shape and number.	1	W11, W04

TK 03	Oral abnormalities in selected genetic syndromes	1	W11, W04
TK 04	Focal disease in children.	1	W02
<b>Booklist: Independent Pediatric Dentistry Laboratory</b>			
Obligatory literature:			
1. Współczesna stomatologia wieku rozwojowego. pod red. M. Doroty Olczak-Kowalczyk, Joanny Szczepańskiej i Urszuli Kaczmarek. Med. Tour Press International, Wyd. I, Otwock 2017			
Supplementary literature:			
1. Stomatologia dziecięca, pod red. A.C. Cameron, R.P. Widmer, Urban & Partner, Wrocław 2013, wyd. 2			
2. Zapobieganie i leczenie choroby próchnicowej u dzieci, pod red. D. Olczak-Kowalczyk, L. Wagnera, Wyd. Borgi, Warszawa 2013, wyd. 1.			
3. Pourazowe uszkodzenia zębów, J.O. Andreasen, F.M. Andreasen, L.K. Bakland, M.T. Flores, [red. wyd. polskiego Urszula Kaczmarek], Urban & Partner, Wrocław 2012, wyd. 2			

<b>Table presenting TEACHING PROGRAMME</b> <b>Department of Maxillofacial Surgery</b>			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
<b>Summer semester</b>			
<b>Lectures</b>			
TK 01	Craniofacial injuries	1	W03, W04
TK 02	Early and late complications of craniofacial injuries	1	W03, W04, W08
<b>Booklist: Department of Maxillofacial Surgery</b>			
Obligatory literature:			
• 1. Chirurgia szczękowo-twarzowa, red. nauk. L. Kryst, Warszawa, PZWL Wydawnictwo Lekarskie, 2011.			
• 2. Chirurgia szczękowo-twarzowa, red. S. B. Bartkowski, Kraków, AM Kraków, 1996.			
Supplementary literature:			
1. Peterson L. J., Ellis E., Hupp J. R., Tucker M. R., Chirurgia stomatologiczna i szczękowo-twarzowa, red. nauk. wyd. pol. B. Pogorzelska-Stronczak, Lublin, Wydawnictwo Czelej, 2001			

<b>Table presenting TEACHING PROGRAMME</b> <b>Department of Prosthodontics</b>			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
<b>Summer semester</b>			
<b>Lectures</b>			
TK 01	Prosthetic rehabilitation with complete dentures.	1	W03, W09

TK 02	Prosthetic rehabilitation with supported partial dentures.	1	W03, W09
TK 03	Fixed restorations: inlays, crowns, veneers.	1	W03, W09
TK 04	Principles of prosthetic bridge design.	1	W03, W09
<b>Booklist: Department of Prosthodontics</b>			
Obligatory literature:			
<ul style="list-style-type: none"> <li>• 1. Majewski S.: Współczesna protetyka stomatologiczna. Elsevier Urban &amp; Partner, Wrocław 2014.</li> <li>• 2. Dejak B: Vademecum wykonywania protez stałych i ruchomych, Med. Tour Press International 2020</li> </ul>			
Supplementary literature:			
1. Pryliński M.: Vademecum materiałoznawstwa protetycznego. Med. Tour Press International Otwock 2020.			

**Table presenting TEACHING PROGRAMME**  
**Department of Dental Surgery**

No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
<b>Summer semester</b>			
<b>Lectures</b>			
TK 01	Diseases of the nerves	1	W08
TK02	Diseases of the salivary glands	1	W06, W08
<b>Booklist: Department of Dental Surgery</b>			
Obligatory literature:			
1. Chirurgia szczękowo-twarzowa, red. nauk. L. Kryst, Warszawa, PZWL Wydawnictwo Lekarskie, 2011.			
2. Chirurgia szczękowo-twarzowa, red. S. B. Bartkowski, Kraków, AM Kraków, 1996.			
3. Peterson L. J., Ellis E., Hupp J. R., Tucker M. R., Chirurgia stomatologiczna i szczękowo-twarzowa, red. nauk. wyd. pol. B. Pogorzelska-Stronczak, Lublin, Wydawnictwo Czelej, 2001.			
Supplementary literature:			
1. Podstawy chirurgii stomatologicznej, red. M. Dominiak, J. Zapala, T. Gedrange, wyd. 2, Wrocław, Elsevier Urban & Partner, 2013.			

<b>Table presenting TEACHING PROGRAMME Department of Orthodontics</b>			
<b>No. of a teaching programme</b>	<b>Teaching programme</b>	<b>Number of hours</b>	<b>References to learning outcomes</b>
<b>Summer semester</b>			
<b>Lectures</b>			
TK 01	Contemporary orthodontic diagnostics.	1	W01
TK02	Orthodontic material science and modern orthodontic treatment methods.	1	W10

<b>Booklist: Department of Orthodontics</b>
Obligatory literature:
1. Zarys współczesnej ortodontcji. Karłowska I. Podręcznik dla studentów i lekarzy stomatologów, Warszawa 2008, wydanie III(dodruk 2009), Wydawnictwo Lekarskie PZWL
Supplementary literature:
1. Proffit WR, Fields HW JR, Sarver DM: Ortodontcja Współczesna Elsevier Urban & Partner, Wrocław 2009 tom 1: Część 2 rozdział 3,4,5; Cześć 3 rozdział 6
2. ABC Materiałów i Technik Ortodontycznych, red. A. Komorowska, Wyd. Polskie Towarzystwo Ortodontyczne, Lublin 2009

<b>Student's workload</b>	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	20
Time spent on preparation to seminars/ practical classes	-
Time spent on reading recommended literature	5
Time spent on writing report/making project	
Time spent on preparing to colloquium/ entry test	5
Time spent on preparing to exam	
Other .....	
Student's workload in total	30
ECTS credits	-

<b>Notes</b>



\* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SP – case study

PS – assessment of student's ability to work independently

W – entry test

PM – multimedial presentation

other...