



Prosthetic dentistry

IMPRINT	
Academic Year	2026/2027
Department	Faculty of Medicine and Dentistry
Field of study	English Dentistry Division
Main scientific discipline	Medical science
Study Profile	General academic
Level of studies	uniform MSc
Form of studies	Full-time program
Type of module / course	obligatory
Form of verification of learning outcomes	completion
Educational Unit / Educational Units	Department of Prosthetic Dentistry St. Binieckiego str. 6, 02-097 Warsaw Phone: 22 116 64 70 Mail: katedraprotetyki@wum.edu.pl
Head of Educational Unit / Heads of Educational Units	Prof. Jolanta Kostrzewa-Janicka, DDS, PhD,
Course coordinator	Prof. Jolanta Kostrzewa-Janicka, DDS, PhD, St. Binieckiego str. 6, 02-097 Warsaw Phone: 22 116 64 70 Mail: katedraprotetyki@wum.edu.pl
Person responsible for syllabus	Department of Prosthetic dentistry (DPD) Krzysztof Majchrzak, DDS, PhD
Teachers	Kamila Wróbel-Bednarz DDS, PhD kamila.wrobel@wum.edu.pl Piotr Stendera DDS, PhD pstendera@wum.edu.pl Marcin Kubani mkubani@wum.edu.pl Marek Mazur DDS, mmazur@wum.edu.pl Krzysztof Majchrzak, DDS, PhD, Krzysztof.majchrzak@wum.edu.pl Prof. Jolanta Kostrzewa-Janicka, DDS, PhD, jolanta.kostrzewa-janicka@wum.edu.pl Marta Jaworska DDS, PhD, marta.jaworska@wum.edu.pl Bohdan Bączkowski DDS, PhD, bohdan.baczkowski@wum.edu.pl

BASIC INFORMATION				
Year and semester of studies	IV year, VII and VIII semester		Number of ECTS credits	7,0
FORMS OF CLASSES		Number of hours	ECTS credits calculation	
Contacting hours with academic teacher				
Lecture (L)		16(e- learning)	0,6	
Seminar (S)		10	0,3	
Classes (C)				
e-learning (e-L)				
Practical classes (PC)		118	4,7	
Work placement (WP)				
Unassisted student's work				
Preparation for classes and completions		35	1,4	

COURSE OBJECTIVES	
O1	Acquisition of knowledge in the field of masticatory system development, morphology and physiology of the stomatognathic system in the aspect of patient examination and planning of prosthetic rehabilitation in simple clinical cases.
O2	Acquisition of knowledge in the field of physical and chemical processes occurring in the human body as well as mechanics and physiology of the masticatory organ in relation to the clinical course of changes and pathological processes occurring within the masticatory organ
O3	Acquiring knowledge regarding planning and preparation for prosthetic treatment, taking into account the principles of prophylactic and therapeutic management in disorders of the stomatognathic system
O4	Acquiring knowledge about types of prosthetic restorations, indications and contraindications for their use as well as clinical and laboratory procedures in the implementation of these restorations.
O5	Acquisition of clinical management skills in simple clinical cases of prosthetic rehabilitation of patients with morphological disorders of the stomatognathic system, design of prosthetic restorations and cooperation with technician
O6	Acquiring the skills of talking with the patient, building trust, principles of motivating the patient to health-promoting behaviors, shaping the right attitude and behavioral patterns in relation to the patient and the therapeutic team.

STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING

Code and number of the effect of learning in accordance with standards of learning	Effects in the field of:

Knowledge – Graduate* knows and understands:

F.W1.	occlusal norms at different stages of individual development and deviations from these norms
F.W2.	principles of preventive and therapeutic management of diseases of the masticatory organ at different stages of development
F.W10.	indications and contraindications for treatment using dental implants
F.W11.	indications and contraindications for performing aesthetic dentistry procedures
F.W12.	causes of complications of diseases of the stomatognathic system and principles of managing such complications
F.W14.	methods of rehabilitation of the masticatory organ
F.W20.	pathomechanisms of the effects of systemic diseases or applied therapies on the oral cavity
F.W21.	prevention of oral diseases

Skills– Graduate* is able to:

F.U1.	take a medical history from the patient or their family
F.U2.	perform a dental physical examination of the patient
F.U3.	explain the nature of the patient's condition, determine a treatment plan confirmed by the patient's informed consent, and establish the prognosis
F.U6.	interpret the results of additional examinations and consultations
F.U7.	determine indications and contraindications for a specific dental procedure
F.U9.	manage systemic and local complications occurring during and after dental procedures
F.U10.	Prescribe medicinal products, taking into account their interactions and adverse effects
F.U11.	maintain current patient records and issue referrals for diagnostic examinations or specialist dental and general medical treatment
F.U16.	administer appropriate medicinal products during and after a dental procedure to alleviate pain and anxiety
F.U22.	perform prosthetic rehabilitation in simple cases, including clinical and laboratory procedures
E.U11.	diagnose headaches, facial pain, and neurological diseases in adults and children that may present problems in dental practice

* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

CLASSES		
Form of class	Class contents	Effects of Learning
Lectures VII semester (e-learning)	LECTURE 1: Piotr Stendera DDS, PhD Topic: General characteristics of the prosthetic procedures. Anatomy, physiology and development of the masticatory system in terms of prosthetic treatment. Indications for restoring missing teeth. Application of removable partial dentures and an outline of the technique of their fabrication. Clinical and laboratory management. Discussion of other types of removable dentures. Functioning of the dental office in terms of prosthetic procedures.	F.W1., F.W2., F.W3.
	LECTURE 2: Piotr Stendera DDS, PhD Topic: Making of removable dentures. Detailed discussion regarding particular steps in performing removable dentures. Clinical and laboratory stages. Basic and auxiliary dental materials.	F.W.1, F.W.2, F.W.14
	LECTURE 3: Piotr Stendera DDS, PhD Topic: Making of of cast metal dentures. Parts of cast metal dentures and their functions. Surveying. Principles of designing of all structural elements.	F.W.1., F.W.2., F.W.14.
	LECTURE 4: Piotr Stendera DDS, PhD Topic: Making of cast metal dentures (continuation). Clinical stages of fabrication of cast metal dentures. Principles of skeletal dentures construction on the basis of parallelometric analysis (surveying)	F.W.1., F.W.2., F.W.3., F.W.14.
	LECTURE 5: Piotr Stendera DDS, PhD Topic: Summary of clinical proceedings in the fabrication of removable dentures. Removable dentures in prosthetic rehabilitation after surgical procedures. Problems related to the long-term use of dentures	F.W2., F.W3., F.W20. F.W21.
	LECTURE 6: Piotr Stendera DDS, PhD Topic: The influence of cast metal dentures long-term usage on the stomatognathic system. Examples of different designs of cast metal dentures. Follow-up care. Prevention and treatment of complications. Overview of laboratory devices and materials necessary in fabrication of cast metal dentures. Periotest.	F.W2., F.W14.
	LECTURE 7: Piotr Stendera DDS, PhD Topic: Cast metal dentures – video clip. Contents: Presentation of the video clip “Cast metal partial denture”. Additional discussion of individual laboratory stages in the fabrication of skeletal dentures. Presentation of modern computer methods that can be used in manufacturing of skeletal dentures.	F.W2., F.W14.
Lectures VIII semester	Lecture 1: Marta Jaworska, DDS, PhD Topic: Planning and preparation for prosthetic treatment. Characteristics of the anatomy, physiology and changes in the masticatory organ with age in terms of prosthetic rehabilitation. Therapeutic goals and functions of modern dental prosthetics. Clinical examination and pre-prosthetic diagnostics (including radiological). To assess the impact of oral diseases on general health. Mistakes made at the treatment planning stage.	F.W1., F.W2., F.W3., F.W12., F.W14., F.W21.
	Lecture 2: Prof. Jolanta Kostrzewa –Janicka, DDS, PhD Topic: The importance of occlusion in prosthetic treatment Functional and morphological relationships within the masticatory organ. Clinical examination of the masticatory organ before rehabilitation of	F.W1., F.W3., F.W21.

	occlusion. Masticatory organ diagnostics. A detailed discussion of definitions related to masticatory organ. Teeth occlusal contacts in static and dynamic occlusion. Preventive and curative aspects of occlusion analysis. Lecture 3: Krzysztof Majchrzak, DDS, PhD Topic: Immediate dentures. Definition of immediate dentures. Indications. Relative and absolute contraindications. Advantages of using immediate dentures. Treatment planning. Clinical and laboratory management. Follow up care. Presentation of clinical cases. Lecture 4: Krzysztof Majchrzak, DDS, PhD Topic: Prosthetic management after extensive surgical procedures. Epidemiology of head and neck tumors. Carcinogenic factors. General principles of treating head and neck tumors. Morphological and functional disorders in patients after surgeries of facial tumors. Procedure algorithm at the Department of Prosthetic Dentistry. Fabrication of prostheses for patients after surgical procedures. Prophylactic function of prosthetic rehabilitation. Clinical cases. Elements of oncological prophylaxis. Lecture 5: Prof. Jolanta Kostrzewa –Janicka, DDS, PhD Topic: Functional disorders of the masticatory organ. Reminder of the anatomy and physiology of masticatory organ and occlusion. Etiology of temporomandibular diseases (functional disorders within the masticatory system). Diagnostics of the motor system of the masticatory apparatus (clinical examination and additional examinations, including radiological examinations). Classification of temporomandibular diseases. Differential diagnosis. Initial treatment. Prevention of functional disorders of the masticatory organ in terms of its effect on general health. Lecture 6: Prof. Jolanta Kostrzewa –Janicka, DDS, PhD Topic: Treatment of patients with occlusion disorders. Effects of occlusion disorders - signs of disorders at the level of dental tissues, periodontium, masticatory muscles and temporomandibular joints. Definition of occlusion disorders. Aims of occlusal therapy. Indications for starting occlusal therapy. Pre-prosthetic and prosthetic treatment of patients with occlusion disorders. Presentation of cases of patients with occlusion disorders treated at the Department of Prosthetic Dentistry, Medical University of Warsaw. Lecture 7: Krzysztof Majchrzak, DDS, PhD Topic: Prosthetic treatment of adolescent patients with congenital defects. Aims of prosthetic treatment of adolescent patients. Interdisciplinary approach of treatment. Division into age categories. Prosthetic solutions in individual age categories. Additional examinations (including radiological examinations). Cleft palate - epidemiology, effect on general health. Clinical cases. Hypodontics - epidemiology, examples of prosthetic procedures. Enamel and dentin structure disorders, a clinical case. Lecture 8: Krzysztof Majchrzak, DDS, PhD Topic: Prosthetic rehabilitation with overdenture. Definition, types, advantages and disadvantages of OVD prostheses. Indications for use depending on anatomical conditions. Treatment planning with the use of OVD prostheses supported by residual dentition. Clinical examination for	F.W1., F.W2., F.W3., F.W14., F.W21. F.W1., F.W2., F.W3., F.W12., F.W14., F.W18., F.W21. F.W1., F.W3., F.W14., F.W18., F.W21. F.W1., F.W3., F.W14., F.W18. F.W1., F.W2., F.W3., F.W12., F.W14., F.W21. F.W1., F.W2., F.W3., F.W14., F.W18., F.W21.
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	OVD prostheses. Retention elements and their assembly. Overdenture supported by intraosseous implants - indications, contraindications. Hygiene rules for OVD prostheses and retention elements. Problems that may occur while using OVD prostheses. Lecture 9: Bohdan Bączkowski, DDS, PhD Topic: Dental implants. Historical view. Factors influencing the integration of the intraosseous implant. The phenomenon of osseointegration. Characteristics of implants and implantological abutments. Assessment of the bone foundation in terms of long-term use of implants. Techniques of surgical implant placement. Types of loads. Indications and contraindications for implant prosthetic treatment. Treatment planning. Clinical management. Toronto bridge. Aesthetic aspects in implantology treatment. "All on 4" solutions. Summary of the lecture	F.W1., F.W2., F.W3., F.W10., F.W12., F.W14., F.W18., F.W21.
Seminars (topic of particular seminar will be chosen by teacher responsible for classes)	SEMINAR 1 Topic: Treatment planning and preparation for prosthetic treatment. Therapeutic goals and functions of modern dental prosthetics. Treatment plan (components, conditions for the success of prosthetic treatment). Examination of the patient. Mistakes made at the treatment planning stage. Interdisciplinary preparation of the patient for prosthetic treatment. Influence of oral cavity diseases on general health. SEMINAR 2 Topic: Occlusion issues in dental prosthetics. The importance of occlusion in prosthetic treatment. Clinical examination (dental and functional targeting masticatory organ). Additional examinations. Mandibular articulation. Parameters of the temporomandibular joints (articular pathway angle, Bennett's angle, Bennett's movement, immediate lateral shift). Occlusal determinants (key features). SEMINAR 3: Topic: Face bows and articulators. Purpose of plaster models mounting in articulator. Mandibular movements and ways of describing them. Historical outline of occludators and articulators. Definitions and classification. Construction of the articulator. Parameters used to set articulators. Examples of articulators used today. Function, types and structure of the facebows. Ways of fixing and transferring relations of gypsum models. Using an individually adjustable articulator. Basic and auxiliary materials in dental technology. SEMINAR 4: Topic: Partial dentures, repairs and stomatopathies. Partial dentures. (Definition, indications, requirements for non-removable partial dentures, clinical management). Repairs. (Causes of damage to prosthetic restorations, methods of repairing various prosthetic restorations). Stomatopathies. (Definition, causes, factors contributing to the occurrence, symptoms, differentiation, clinical examination, treatment, prophylaxis). SEMINAR 5:	F.W1., F.W21., C.U12., F.U6. F.W1., F.W3., F.W14. F.W2., F.W3., F.W14., F.U6. F.W.1., F.W.2, F.U6.

	Topic: Parallelometric analysis and design of cast metal dentures. Parallelometric analysis - definition, goals and stages. Construction of a dental surveyor. The stages of analysis and the definitions necessary to carry it out. Types and structure of components of cast metal dentures. Rigid periodontal supports - types and applications. Presentation on examples of clinical works. SEMINAR 6: Topic: Cast metal dentures (skeletal prostheses - clinical management, laboratory execution) Cast metal denture - definition, indications and contraindications to perform depending on the structure and function of the stomatognathic system. Structural elements of a skeletal prosthesis. Pre-prosthetic diagnosis. Presentation of subsequent clinical visits in the fabrication of cast metal dentures. Overall health impact assessment. Stages of laboratory performance as a correlated procedure with clinical visits. Master casts and their initial preparation for duplication, including surveying and design. SEMINAR 7: Topic: Prosthetic crowns and methods of cementation. Division of prosthetic crowns. Pre-prosthetic preparation and diagnostics. Preparation of the abutment tooth for the crown. Impressions. Cements, types and characteristics. SEMINAR 8: Topic: Dental bridges (fixed partial dentures) Definitions, indications, contraindications, division. Components. Span biomechanics. Clinical management from planning to delivery. SEMINAR 9: Topic: Dental posts. The division of dental posts. Assessment of abutment teeth. Planning and diagnostics. Indications and contraindications. Selection of materials. SEMINAR 10: Topic: Overdenture (OVD) and relines. Definition of OVD prostheses and their influence on stomatognathic functions. Indications and contraindications. Advantages and disadvantages. Types of retention elements for OVD dentures. Clinical procedure in the manufacture of OVD prostheses. Installation of retention elements in the denture. Implant prosthetic treatment of edentulous patients with the use of OVD prostheses. Denture relining - definition, methods, indications, contraindications and impact on general health.	F.W1., F.W2., F.W3., F.W14., F.W21., F.W22., F.U6. F.W2., F.W3., F.W14., F.W21., F.U6., F.W2., F.W3., F.W14., F.W21., F.U6. F.W3., F.W10., F.W18., F.W21. F.W3., F.W10., F.W14., F.W21., F.U6. F.W1., F.W2., F.W3., F.W12., F.U6.
Practical class E1-E30	Title: Prosthetic Rehabilitation of Patients Depending on the Conditions of the Prosthetic Field Exercises are held once a week, with clinical classes lasting 4 teaching hours. The topics of the exercises depend on patient availability and cover prosthetic rehabilitation of patients (in simple clinical cases) using various types of prosthetic restorations, depending on indications, changes within the prosthetic field, overall health status, and patient age.	

	Learning content includes: patient examination, analysis of the morphological and functional state of the masticatory system and additional tests, presentation and discussion of possible treatment plans, determining the optimal treatment plan considering the indications and contraindications for various prosthetic restorations, clinical and laboratory procedures for the aforementioned restorations, teamwork in the therapeutic team, and follow-up care. Classes utilizing high-fidelity simulators include learning how to prepare abutments for metal-ceramic crowns. E1 - Colloquium E2-E5: Review of knowledge from previous years, covering the mechanics of the masticatory system, dental office equipment and instrumentation used during dental procedures, especially prosthetic ones, and in the prosthetic laboratory, definitions and classifications of basic and auxiliary dental materials, basic clinical procedures, technical-laboratory methods for making prosthetic restorations, occlusal norms at different stages of individual development, and deviations from these norms. E6-E10: Review of preventive and therapeutic management principles for masticatory system diseases at different developmental stages, oral viral, bacterial, and fungal flora and their significance, masticatory system rehabilitation methods, principles of radiological diagnostics, oral disease prevention, occupational safety and hygiene in dentistry, the relationship between chemical phenomena and processes occurring in the oral cavity, and physical phenomena in the masticatory system. Planning treatment for new patients and continuing treatment for regular patients. Initial clinical stages of making complete and extensive partial removable dentures. E11-E15: Subsequent clinical stages of making complete and partial removable dentures. Learning the indications and contraindications for treatment using dental implants, indications and contraindications for aesthetic dentistry procedures, causes of complications in the stomatognathic system and management principles for such complications. E16-E20: Understanding the pathomechanisms of oral diseases affecting general health, the pathomechanisms of general diseases or therapies affecting the oral cavity, the imperative and model behavior for doctors established by the medical and dental professional self-governing body, principles of medical ethics and deontology, ethical issues in modern medicine arising from the dynamic development of biomedical science and technology, and ethical conduct principles for dentists. E21-E25: Further clinical stages of making complete and partial removable dentures. Planning and conducting treatment using simple fixed restorations. Acquiring and improving skills in: predicting and explaining complex pathomechanisms of disorders leading to diseases, analyzing clinical courses of diseases in pathological processes, selecting restorative, prosthetic, and bonding biomaterials based on their properties and clinical conditions, replicating anatomical occlusal conditions and analyzing occlusion, designing prosthetic restorations according to laboratory execution principles, conducting medical interviews with patients or their families, performing dental physical examinations, explaining the nature of the patient's ailments, establishing a treatment method confirmed by the patient's informed consent and prognosis, interpreting additional test results and	F.W1., F.W.2. F.W2., F.W3., F.W14., F.W18., F.W21. F.W10., F.W11., F.W12. F.W19., F.W20. F.U1., F.U2., F.U3., F.U6., F.U7.
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	consultations, and determining indications and contraindications for specific dental procedures. E26-E29: Establishing procedures for managing general and local complications during and after dental procedures, learning to prescribe medications considering their interactions and side effects, maintaining current patient records, issuing referrals for additional tests or specialized dental and general medical treatment, using appropriate medications during and after dental procedures to relieve pain and anxiety, conducting prosthetic rehabilitation in simple cases within clinical and laboratory procedures, diagnosing headaches and facial pains, and managing neurological diseases in adults and children that pose challenges in dental practice. E30 High-fidelity simulator sessions - learning to prepare abutments for a porcelain-fused-to-metal crown.	F.U9., F.U10., F.U11., F.U16., F.U22. F.U7.
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LITERATURE

Obligatory

1. Mierzińska-Nastalska E., Kochanek Leśniewska A.: Fundamentals of prosthodontics.
2. I. Hayakawa: Principles and Practices of Complete Dentures. Quintessence Publ. Co Ltd 2001.
3. H.T. Shillingburg: Fundamentals of Fixed Prosthodontics. Quintessence Publ. Co Ltd 1997.
4. A.B. Carr, G.P. Mc Ginvey, D.T. Brown: McCracken's Removable Partial Prosthodontics. St. Louis: Mosby 2004.
5. R.G. Craig, J. M Powers: Restorative Dental Materials. Mosby 2002

Supplementary

1. R.M. Basker, J.C. Davenport: Prosthetic Treatment of the Edentulous Patient. Blackwell Munksgaard 2002.
2. J.A. Hobkirk, R.M. Watson, L. Searson: Introducing Dental Implants. Churhill Livingstone 2003.

VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
F.W1., F.W2., F.W10., F.W11., F.W12., F.W14., F.W19., F.W20., F.U1., F.U2., F.U3., F.U6., F.U7., F.U11., F.U16., F.U22.,	Interactive participation in lectures and seminars. Initiating discussions and will to solve problems. Colloquiums from all departments of prosthetic dentistry. Active participation in seminars and lectures. The final grade for the fourth year includes three components: 1. Theoretical knowledge - oral or written test 2. Practice (clinical work with the patient, performing various types of prosthetic restorations) 3. Way of behavior towards patient, assistant, technician. The grade is the average from points 1,2,3.	Assessment criteria: points 1,2,3. Written and oral tests : 2.0 (fail) <60% 3.0 (satisfactory) 61-68% 3.5 (rather good) 69-75% 4.0 (good) 76-82% 4.5 (more than good) 93-90% 5.0 (very good) > 90% Final grade:
B.W8., B.U1., B.U2., C.W23., C.W24., C.W25., C.W28., C.U4., C.U5., C.U11., C.U12., C.U13., E.U11., F.W1., F.W2., F.W3., F.W12., F.W14., F.W18., F.W21., F.U1., F.U2., F.U3., F.U6., F.U7., F.U9., F.U10., F.U11., F.U16., F.U22.	Assessment of active participation by the academic teacher, including the correctness of performed therapeutic procedures, theoretical knowledge, and attitude towards the patient and the dental assistant. 1. Being unprepared for three practical classes during a semester results in a lower final grade for the given academic year. 2. Any missed practical class must be made up, following arrangements with the academic teacher, even if the absence is supported by a medical certificate. 3. Conduct contrary to the practical class regulations, including arriving late, not wearing an identification badge, using a mobile phone during classes, etc., results in the academic teacher recording the student as unprepared. Three such records result in	5.0- student interested in the subject, theoretical basics mastered to a very good degree, with good manual skills, well-mannered, correct approach to the patient, technician, teacher. He applies the acquired knowledge in practice, makes correct diagnoses, logically formulates conclusions regarding the planning and course of treatment.

	a lower final grade for the given academic year, as specified in point 1. 4. Preparing a presentation or review article based on current scientific publications and available literature allows the student to receive a "+", which: • cancels one record of unpreparedness referred to in point 3; or • provides one additional point in a partial test conducted during the semester. Tests covering individual areas of prosthodontics may be taken on two scheduled dates. If the student fails both attempts, a third test—a test before an examination board—is conducted by a committee consisting of an independent academic staff member from the Department of Prosthodontics and the academic teacher responsible for the student's classes. Failure to pass the test before the examination board is equivalent to failure to complete the course.	4.5- meets the above criteria to an over good degree 4.0 - meets the above criteria to a good degree 3.5- meets the above criteria to a fairly good degree 3.0- meets the above criteria sufficiently 2.0- insufficient knowledge of the learning outcomes, does not meet the above criteria
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ADDITIONAL INFORMATION

Simulation classes – the date will be announced at the beginning of the academic year.

Attendance at lectures is compulsory and will be verified electronically. In the event of an absence, the student will be required to prepare a presentation based on current scientific literature covering the topic of the missed lecture.

Seminar topics may vary depending on patient admissions and availability. The listed seminar topics are examples from which the academic teachers may choose. Two written attempts are available for each test.

All missed classes must be made up in a form agreed upon with the academic teacher responsible for the practical classes.

Mobile phones may be used during clinical classes only after informing the academic teacher. Students must wear appropriate clothing and an identification badge.

Course completion

In the event of an excused absence from an assessment, the student is entitled to take the assessment on the next date scheduled by the unit.

An unexcused absence constitutes grounds for recording a failure to complete the course on the relevant date. If the student fails to complete the course by the final date scheduled by the unit in the given academic year, the student does not obtain credit for the course.

If a student receives a failing grade in a course ending with course completion, the student is entitled to two resit attempts.

For the second resit attempt, the student may submit a request to the Dean for the participation of an observer appointed by the Students' Union.

The Dean may grant permission to take an assessment before an examination board if justified objections concerning the conduct of the assessment are raised.

The person responsible for teaching in Year 4 is Magdalena Rączkiewicz, MD, PhD.

The final grade for practical classes in Year 4 accounts for 20% of the diploma examination grade.

Student Scientific Society – supervisors: Kamila Wróbel-Bednarz, MD, PhD: kwrobel@wum.edu.pl; Marcin Szerszeń, DDS, PhD: mszerszen@wum.edu.pl.

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ATTENTION

The final 10 minutes of the last class of the block/semester/year should be allotted for students to fill out the Survey of Evaluation of Classes and Academic Teachers