



UNIVERSITY OF WARMIA AND MAZURY IN OLSZTYN  
Faculty of Medicine

## Course syllabus – part A

USOS Code: 48SJO-MSAITD  
ECTS: 1.00  
Cycle: 2026

## Maxillofacial Surgery and Introduction to Dentistry Maxillofacial Surgery and Introduction to Dentistry

### SUBJECT MATTER CONTENT:

**Classes** – Numbering of teeth, diseases of hard tissues of teeth, diseases of periapical tissues, basics of endodontics. Caries-diagnosis and treatment, prevention. Dental outbreaks of infection-differentiation and relationship to general diseases, management. Periodontal diseases-differentiation, treatment. X-ray diagnostics in dentistry-with practical exercises. Examination of the patient-principles of examination of the face, neck and stomatognathic system with practical exercises. Inflammations in the craniofacial area-appearance, abscess, abscess-differentiation, basics of treatment. Diseases of the maxillary sinuses and facial malformations. Maxillofacial traumatology-treatment.

### TEACHING OBJECTIVE:

Gaining knowledge of the anatomy and physiology of the masticatory organ and the structure of the craniofacial bones, as well as the influence of various factors on its normal development. To master knowledge of the etiology, diagnosis and treatment of diseases of the teeth, periodontium and mucous membrane of the oral cavity and craniofacial area, enabling interdisciplinary therapy of diseases. To learn the etiopathogenesis and diagnosis of cysts, benign and malignant neoplasms of the craniofacial region and the basics of maxillofacial traumatology. To learn the methods of examination and treatment of patients with special emphasis on surgical management. To apply this knowledge in preoperative, perioperative and intraoperative care.

### DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY

#### Symbols for outcomes related to the discipline:

M/NMA\_P7S\_WG+++++, M/NMA\_P7S\_UW++

#### Symbols for outcomes related to the field of study:

K.6.+, K.7.+, K.8.+, E.U36.+, KA7\_UU2+, KA7\_UW6+, E.U1.+, F.U4.+, F.U9.+, KA7\_WG9+, KA7\_WG10+, E.W23.+, E.W24.+, F.W3.+

### LEARNING OUTCOMES:

**Legal acts specifying learning outcomes:**  
311/2023;

**Discipline:** Medicine

**Course status:** Obligatory

**Group of courses:** B - major course

**ISCED Code:** 0912

**Field of studies:** Medicine

**Field:** Medicine

**Learning profile:** -

**Form of studies:** full-time

**Level of studies:** uniform master's studies

**Year/Semester:** 4th year, Medicine in English

**Classes types:** Classes;

**Classes:** Classes (20h);

**Language:** ANG

**Introductory subject:** anatomy, pathophysiology

**Prerequisites:** knowledge of anatomy, pathophysiology

#### Organized by the unit:

**Coordinators responsible for the course:**

Joanna Krysztopik,  
joanna.krysztopik@uwm.edu.pl

**Additional notes:**

**Knowledge (W1)** – The graduate knows and understands: KA7\_WG9 principles of dental prophylaxis, knows the basic diseases of the teeth, periodontium and oral mucosa as well as methods of dental diagnostics

**Knowledge (W2)** – The graduate knows and understands: KA7\_WG10 basic concepts in the field of maxillofacial and reconstructive surgery

**Knowledge (W3)** – The graduate knows and understands: E.W23. the environmental and epidemiological conditions of the most frequent neoplasms;

**Knowledge (W4)** – The graduate knows and understands: E.W24. the basics of early neoplasm discovery and the principles of screen tests in oncology;

**Knowledge (W5)** – The graduate knows and understands: F.W3. the rules of qualifying for basic surgical operations and invasive diagnostic and treatment procedures, the principles of performing them and their most frequent complications;

**Skills (U1)** – The graduate is able to: E.U36. proceed in case of injuries (apply a dressing or immobilize, treat and suture the wound)

**Skills (U2)** – The graduate is able to: KA7\_UU2 on the basis of selected diagnostic tests, make conclusions about further procedures and maxillofacial surgery, assist during the above-mentioned procedures

**Skills (U3)** – The graduate is able to: KA7\_UW6 recognize odontogenic diseases, conduct a medical interview and physical examination focused on craniofacial pathologies

**Skills (U4)** – The graduate is able to: E.U1. take medical interview with an adult patient;

**Skills (U5)** – The graduate is able to: F.U4. dress a simple wound, apply and change sterilised surgical dressing;

**Skills (U6)** – The graduate is able to: F.U9. stop external bleedings;

**Social competences (K1)** – The graduate is ready to: K.6. promote health-seeking behavior

**Social competences (K2)** – The graduate is ready to: K.7. use of objective sources of information

**Social competences (K3)** – The graduate is ready to: K.8. formulate conclusions from their own measurements or observations

**Symbols for outcomes related to the field of study:**

**Classes** – ['W1', 'U1', 'K1', 'W2', 'U2', 'K2', 'U3', 'W3', 'K3', 'W4', 'U4', 'U5', 'U6', 'W5'] – A satisfactory participation in the activities of the Ward of Craniofacial Surgery, an active assistance during AOS procedures and in an operational theatre

**FORM AND CONDITIONS OF VERIFYING LEARNING  
OUTCOMES:**

**Classes (Esey)** – ['W1', 'U1', 'K1', 'W2', 'U2', 'K2', 'U3', 'W3', 'K3', 'W4', 'U4', 'U5', 'U6', 'W5'] – Written work on selected topic

**REQUIRED LITERATURE:**

**1. Jatin Shah's Head and Neck Surgery and Oncology, 5th Edition**

Jatin P. Shah, Snehal G. Patel, Bhuvanesh Singh, Richard Wong; ELSEVIER; 2019; Pages: ; Tome: ;

**COMPLIMENTARY LITERATURE:**

**1. Craniomaxillofacial Trauma**

Paul N. Manson; Thieme; 2014; Pages: ; Tome: ;

**2. Manual of oral surgery. III Edition**

Chiapasco M.; Edra; 2018; Pages: -; Tome: -;

**3. Peterson's Principles of Oral and Maxillofacial Surgery, 4th Edition**

Miloro M., Ghali G.E., Larsen P.E., Waite P.; Springer; 2022; Pages: -; Tome: -;



UNIVERSITY OF WARMIA AND MAZURY IN OLSZTYN  
Faculty of Medicine

**Detailed description of ECTS credits awarded - part B**

**USOS Code:** 48SJO-MSAITD

**ECTS:** 1.00

**Cycle:** 2026

Maxillofacial Surgery and Introduction to Dentistry  
Maxillofacial Surgery and Introduction to Dentistry

1. Contact hours with the academic teacher:

|                             |             |
|-----------------------------|-------------|
| - participation in: Classes | 20 h        |
| - consultation              | 2 h         |
|                             | Total: 22 h |

Independent work of a student:

|                          |               |
|--------------------------|---------------|
| - the student's own work | 3.00 h        |
|                          | Total: 3.00 h |

contact hours + independent work of a student Total: 25.00 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS

ECTS Points = 25.00 h : 25 h/ECTS = 1.00 ECTS

**Average:** 1.00 ECTS

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher - 0.88 ECTS pts

- including the number of ECTS credits for hours of independent work of a student - 0.12 ECTS pts