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| **Syllabus** |
| **Description of the course** |
| **Module/Course** | Othorinolaryngology | **Group of detailed education results**  |
| **Group code** | **Group name** |
| **Faculty** | Faculty of Dentisty |
| **Major**  | Dr hab. Marek Bochnia |
| **Specialties** |  |
| **Level of studies** | Uniform magister studies \*1st degree studies X 2nd degree studies 3rd degree studies postgraduate studies  |
| **Form of studies** | X full-time part-time |
| **Year of studies**  | IV | **Semester** | X Winter Summer |
| **Type of course** | X obligatory limited choice free choice / elective  |
| **Course** |  major X basic |
| **Language of instruction** |  Polish X English other |
| \* mark with an **X** |
| **Number of hours** |
| Form of education |
| Unit teaching the course | Lectures (L) | Seminars (SE) | Auditorium classes (AC) | Major Classes – not clinical (MC) | Clinical Classes (CC) | Laboratory Classes (LC) | Classes in Simulated Conditions (CSC) | Practical Classes with Patient (PCP) | Specialist Classes – magister studies (SCM) | Foreign language Course (FLC) | Physical Education obligatory (PE) | Vocational Practice (VP) | Self-Study (Student's own work) | E-learning (EL) |
| **Winter Semester** |
|  | **10** | **5** |  |  | **15** |  |  |  |  |  |  |  |  |  |
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| **Summer Semester** |
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| **TOTAL per year: 45** |
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| **Educational objectives** (max. 6 items)**C1. Acquisition of basic knowledge in the field of ear, nose, throat, larynx and neck diseases.** |
| **Education result matrix for module/course in relation to verification methods of the intended education result and the type of class** |
| Number of course education result  | Number of major education result  | Student who completes the module/course knows/is able to | Methods of verification of intended education results (forming and summarising) | Form of didactic class*\*\*enter the abbreviation* |
| **W 01** |  | - knowledge and comprehension of ENT symptomatology, particularly in oncology and emergency * basic knowledge about ethiopatology, diagnostics and treatment of the most common acute and chronic ENT diseases
* knowledge about modern diagnostic techniques in ENT practice and their interpretation
* particular training in diagnosing and managing those ENT diseases which may link to dental pathologies

  | * oral examination
* credit at the end of the course - colloquium
* verifying students’ knowledge during the classes

self-preparing topics to be presented on the classes | L, SE, CC |
| **U 01** |  | * performing basic ear, nose, throat, larynx and neck examination
* recognizing signs and symptoms of common ENT diseases, including oncology; understanding their pathogenesis and recommending the proper management to some extent
* interpreting head and neck imaging
* command of some techniques in the ENT emergencies and skills in ENT first aid
* assisting in emergency ENT service

performing some techniques of small ENT procedures on a skull model or a material of Pathologic Anatomy  | as above and verifying gained skills during the classes | CC |
| **K 01** |  | -present knowledge about prevention in disorders of upper respiratory tract- actively participates in group of students during exams themselves learn them to be more empathy and cooperative in a group | as above and verifying gained skills during the classes | CC |
| \*\* L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .  |
| Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes:Knowledge: ++.…Skills: +++….Social competences:++ ….. |
| **Student's amount of work (balance of ECTS points)** |
| **Student's workload** (class participation, activity, preparation, etc.) | **Student Workload (h)** |
| 1. Contact hours: | 45 |
| 2. Student's own work (self-study): | 40 |
| Total student's workload | 85 |
| **ECTS points for module/course** | 2 |
| Comments  |  |
| **Content of classes** (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects) |
| **Lectures**1. Acute Airways Obstructions. Tracheotomy. Intubation.2. Pathology of nasopharyngeal tonsil.3.Pathology of palatine tonsils.4. Anatomy and physiology of the nose and paranasal sinuses. Epistaxis5. Trauma and foreign bodies in otorhinolaryngology |
| **Seminars**1. Acute and chronic diseases of the ear. Methods of treatment.2. Audiology.3. Diseases of the larynx. Laryngeal oncology.4. Extraesophageal refluks.5. Halitosis. |
| **Practical classes*** Indroduction to ENT diseases. Anatomy, physiology and clinical examination of the nose and paranasal sinuses. Signs and symptoms, diagnostic tests of the nose and paranasal sinuses diseases. Introduction to anterior rhinoscopy.
* Diseases of the nose and paranasal sinuses. Management. Practical rhinoscopy. Presentation of clinical cases.
* Epistaxis (nasal bleeding). Nasal trauma and fractures. Management.
* Anatomy and physiology of the oral cavity and salivary glands. Diseases of the oral cavity. Examination of the oral cavity.
* Anatomy, physiology and clinical examination of salivary glands. Sign and symptoms, diagnostic tests (USG, CT, RTG, BAC) and management of the salivary gland diseases; neoplasms of the salivary glands.
* Anatomy and physiology of the pharynx. Examination techniques. Posterior rhinoscopy.
* Diseases of the pharynx. Presentation of clinical cases.
* Acute laryngeal dyspnea. Diagnosis, differential and management. Cricothyrotomy, tracheotomy. Performing tracheotomy on cadaver.
* Anatomy and physiology of the inner ear (hearing and balance). Vertigo. Examination techniques (otoscopy, ENG, VNG, balance tests).
* Diseases of the external and middle ear. Surgical and pharmaceutical treatment. Presentation of clinical cases.
* Hearing disorders – types, causes. Hearing assessment.
* Objective hearing tests. Demostration of tympanometry, DPOAE, ABR.
* Anatomy and physiology of the larynx. Diseases of the larynx. Examination techniques. Videostroboscopy.
* Laryngeal oncology. LIN. Laryngeal cancer. TNM classification. Treatment (surgical, radiotherapy). Presentation of clinical cases.
* Diseases of the esophagus. Foreign bodies.
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| **Other****1.****2.****3.***etc. …* |
| **Basic literature** (list according to importance, no more than 3 items)* BURTON M. Hall & Colman’s Diseases of the Ear, Nose and Throat. CHURCHILL LIVINGSTONE 2000

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| * PRESCOTT C. Handbook of ENT: Diseases and Disorders of the Ear, Nose, and Throat. OXFORD U.P. 2001
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**Additional literature and other materials** (no more than 3 items)* 1. WILSON W.R. Clinical Handbook of Ear, Nose and Throat Disorders. CRC Press-Parthenonm, 2002
* BECKER W. Ear, Nose and Throat Diseases, a Pocket Reference. THIEME VERLAG 2/e 1994
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| **Didactic resources requirements** (e.g. laboratory, multimedia projector, other…)Lectures – multimedia projector. Classes – workplaces for ENT examination with laryngological tools and forehead lams; a skull model; database of ENT imaging; didactic boards; some diagnostic equipment to rent for self-practising  |
| **Preliminary conditions** (minimum requirements to be met by the student before starting the module/course)Knowledge of anatomy and physiology of upper respiratory tract. |
| **Conditions to receive credit for the course** (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be med by the student to pass it and criteria for specific grades)* 90% attendance at the classes
* Credit at the end of the course – colloquium
* Oral examination
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| **Grade:** | **Criteria** (only for courses/modules ending with an examination) |
| Very Good(5.0) | Comprehensive response for 3 questions |
| Good Plus (4.5) | Satisfactory response for 3 questions |
| Good(4.0) | Comprehensive response for 2 questions, auxiliary questions |
| Satisfactory Plus (3.5) | Satisfactory response for 2 questions |
| Satisfactory (3.0) | Comprehensive response for 1 questions, auxiliary questions |
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| **Name and address of module/course teaching unit, contact: telephone and e-mail address**Otolaryngology Department, Faculty of Dentistry, Medical University of Wroclaw Ul. Borowska 213, edifice K, 3rd floor Phone 71-7343760, mail: marek.bochnia@am.wroc.plagata.zalewska@umed.wroc.pl**Coordinator / Person responsible for module/course, contact: telephone and e-mail address**Dr n.med. Agata ZalewskaTel. 691704199agata.zalewska@umed.wroc.pl**List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes**. Dr hab. Marek Bochnia, physician- lectures, seminaries, practical clasess Dr Agata Zalewska, physician- seminaries, practical clasess

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| **Date of Syllabus development**  | **Syllabus developed by**  |
| 7.07.2017………………………………………….. | ……........................................... |
| **Signature of Head of teaching unit** |
| ……………....……………………………………………………………… |

**Signature of Faculty Dean**  |
| ……………....……………………………………………………………… |
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