



## Public health

### 1. IMPRINT

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Academic Year                                         | 2026/2027                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Department                                            | Faculty of Medicine and Dentistry                                                                                                                                                                                                                                                                                                                                                                                                          |
| Field of study                                        | English Dentistry Division                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main scientific discipline                            | medical sciences                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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 Epidemiology and Biostatistics<br>Banacha Campus, Medical Simulation Center<br>Pawińskiego Street 3a, 02-106 Warsaw<br>Office: Room A318 (3rd floor), <a href="mailto:epidemiologia@wum.edu.pl">epidemiologia@wum.edu.pl</a>                                                                                                                                                                                                 |
| Head of Educational Unit / Heads of Educational Units | dr hab. n. med Joanna Peradzyńska, <a href="mailto:joanna.peradzynska@wum.edu.pl">joanna.peradzynska@wum.edu.pl</a>                                                                                                                                                                                                                                                                                                                        |
| Course coordinator                                    | dr hab. n. med Joanna Peradzyńska, <a href="mailto:joanna.peradzynska@wum.edu.pl">joanna.peradzynska@wum.edu.pl</a>                                                                                                                                                                                                                                                                                                                        |
| Person responsible for syllabus                       | Karolina Zakrzewska, PhD <a href="mailto:karolina.zakrzewska@wum.edu.pl">karolina.zakrzewska@wum.edu.pl</a>                                                                                                                                                                                                                                                                                                                                |
| Teachers                                              | dr hab. n. med Joanna Peradzyńska, <a href="mailto:joanna.peradzynska@wum.edu.pl">joanna.peradzynska@wum.edu.pl</a><br>Karolina Zakrzewska, PhD <a href="mailto:karolina.zakrzewska@wum.edu.pl">karolina.zakrzewska@wum.edu.pl</a><br>Olga Dryja, <a href="mailto:olga.wojciechowska@wum.edu.pl">olga.wojciechowska@wum.edu.pl</a><br>Artur Białoszewski, <a href="mailto:artur.bialoszewski@wum.edu.pl">artur.bialoszewski@wum.edu.pl</a> |

### 2. BASIC INFORMATION

| Year and semester of studies            | 1st year, 2nd semester | Number of ECTS credits | 2.0                      |
|-----------------------------------------|------------------------|------------------------|--------------------------|
| FORMS OF CLASSES                        |                        | Number of hours        | ECTS credits calculation |
| Contacting hours with academic teacher  |                        |                        |                          |
| Lecture (L)                             |                        | 3                      | 0.12                     |
| Seminar (S)                             |                        | 27                     | 1.00                     |
| Classes (C)                             |                        |                        |                          |
| e-learning (e-L)                        |                        |                        |                          |
| Practical classes (PC)                  |                        |                        |                          |
| Work placement (WP)                     |                        |                        |                          |
| Unassisted student's work               |                        |                        |                          |
| Preparation for classes and completions |                        | 23                     | 0.88                     |

### 3. COURSE OBJECTIVES

|    |                                                                                                                                                                                                                                                    |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| O1 | Acquisition of knowledge in the theory and practice of public health                                                                                                                                                                               |
| O2 | Acquisition of the ability to analyse factors affecting the structure and process of healthcare, taking into account legal regulations and economic mechanisms                                                                                     |
| O3 | Preparation for certifying temporary incapacity for work and issuing the relevant certificates                                                                                                                                                     |
| O4 | Acquisition of knowledge in epidemiological surveillance and the obligation and importance of reporting a diagnosis/suspicion of infectious diseases. Development of professional responsibility for preventing the spread of infectious diseases. |

### 4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING

|                                                                                           |                                                                                                        |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Code and number of the effect of learning in accordance with standards of learning</b> | <b>Effects in the field of:</b>                                                                        |
| <b>Knowledge – Graduate* knows and understands:</b>                                       |                                                                                                        |
| G.W1.                                                                                     | the concept of public health and the objectives, tasks, and structure of the public healthcare system; |

**Załącznik nr 4C do Procedury opracowywania i okresowego przeglądu programów studiów**  
(stanowiącej załącznik do zarządzenia nr 68/2024 Rektora WUM z dnia 18 kwietnia 2024 r.)

|        |                                                                                                                                                                                                                                               |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G.W4.  | methods of determining the health needs of the society;                                                                                                                                                                                       |
| G.W5.  | health situation and healthcare policy strategy in the Republic of Poland, European Union and worldwide;                                                                                                                                      |
| G.W6.  | principles of functioning, management, and computerisation of healthcare providers, including individual and group medical practice;                                                                                                          |
| G.W7.  | legal regulations on the organisation and financing of the healthcare system, provision of publically funded healthcare services, and principles of functioning of information and communication tools and services in healthcare (e-health); |
| G.W18. | basic patient rights, including the right to: consent to a medical procedure, medical information, respect for intimacy and personal dignity, medical confidentiality, access to medical records;                                             |
| G.W26. | principles of adjudication of temporary inability to work, inability to work for disability pension purposes and of disability or its degree;                                                                                                 |

**Skills– Graduate\* is able to:**

|        |                                                                                                                                                                                                                                                                                   |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G.U1.  | analyse data on the health status of the population, epidemiological data and use them to determine the health status of the population and predict the impact of selected health phenomena and problems on the functioning of the healthcare system;                             |
| G.U2.  | assess the scale of health problems and indicate health priorities and determine their significance in health policy;                                                                                                                                                             |
| G.U3.  | analyse the determinants of the epidemiological situation in terms of social and demographic processes and quality of life - general and related to oral health;                                                                                                                  |
| G.U6.  | analyse the systems of financing healthcare services in the Republic of Poland, the European Union and worldwide;                                                                                                                                                                 |
| G.U9.  | provide the patient with the necessary information on oral health promotion, risk factors and ways to prevent the most common social diseases;                                                                                                                                    |
| G.U15. | apply the law on the practice of a dental profession;                                                                                                                                                                                                                             |
| G.U18. | issue medical certificates and medical decisions, prepare opinions for the patient, authorised bodies, and entities, prepare, and maintain medical records (in both electronic and paper form) and use information and communication tools and services in healthcare (e-health); |

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

## 5. ADDITIONAL EFFECTS OF LEARNING (non-compulsory)

| Number of effect of learning | Effects in the fields of: |
|------------------------------|---------------------------|
|------------------------------|---------------------------|

**Knowledge – Graduate knows and understands:**

|    |   |
|----|---|
| K1 | - |
|----|---|

**Skills– Graduate is able to:**

|    |   |
|----|---|
| S1 | - |
|----|---|

**Social Competencies – Graduate is ready for:**

|     |   |
|-----|---|
| SC1 | - |
|-----|---|

| 6. CLASSES    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form of class | Class contents                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Effects of Learning                                                                                                                                                                                                                                                                                                                                                              |
| Lectures      | <p>Lecture 1 – The Healthcare System in Poland<br/>The role of public health within the healthcare system.<br/>Healthcare services funded by public resources.<br/>Patient rights.<br/>Health information and communication systems and principles.<br/>In the form of e-learning, on the eWUM platform.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | G.W1., G.W4., G.W5., G.W6., G.W7., G.W18., G.W26.                                                                                                                                                                                                                                                                                                                                |
| Seminars      | <p>Seminar 1 – The Healthcare System in Poland: A User's Guide<br/>The role of public health within the healthcare system.<br/>Healthcare services funded by public resources.<br/>Patient rights.<br/>The role of dental medicine graduates within the healthcare system in Poland.</p> <p>Seminar 2 – Scope and Principles of Medical Jurisprudence<br/>Principles for determining temporary incapacity for work.<br/>Principles for determining incapacity for work for pension purposes.<br/>Principles for determining disability.<br/>Guidelines for issuing medical certificates.</p> <p>Seminar 3 – Developing Authorial Health Policy Programs<br/>Preventive actions and addressing health inequalities in practice.<br/>Securing funding for preventive programs and addressing health inequalities.<br/>Evaluation of health policy programs.</p> <p>Seminar 4 – Interdisciplinarity in Public Health<br/>Application in public health of:<br/>– Praxeology<br/>– Marketing<br/>– Effective motivational tools<br/>– Conflict resolution theories and practices</p> <p>Seminar 5 – Safe Dental Practice<br/>Prevention of bloodborne infections.<br/>Tools for creating and maintaining a well-organized and safe work environment.</p> | <p>G.W1., G.W6., G.W7., G.W18., G.W26., G.U1., G.U2., G.U3., G.U6., G.U15.</p> <p>G.W1., G.W4., G.W5., G.W6., G.W7., G.W18., G.W26., G.U18</p> <p>G.W1., G.W4., G.W5., G.W6., G.W18., G.W26., G.U1., G.U2., G.U3., G.U6., G.U9.</p> <p>G.W1., G.W4., G.W5., G.W6., G.W7., G.U2., G.U3., G.U9.</p> <p>G.W1., G.W4., G.W5., G.W6., G.W7., G.W18., G.W26., G.U1., G.U2., G.U15.</p> |

| 7. LITERATURE                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Obligatory</b>                                                                                                                                                                                                                                                                                                                                  |
| <p>Sustainable Development website: <a href="https://sdgs.un.org/">https://sdgs.un.org/</a><br/>WHO website: <a href="https://www.who.int/teams/primary-health-care/health-systems-resilience/essential-public-health-functions">https://www.who.int/teams/primary-health-care/health-systems-resilience/essential-public-health-functions</a></p> |

## Supplementary

Celentano DD, Szkło M. Gordis Epidemiology, 7th Edition, 2024

Global Burden of Disease <https://www.thelancet.com/gbd>

Health status of Polish population and its determinants - report for 2022 Wojtyński B., Goryński P. (ed.). NIPH NIH-NRI 2022  
<https://www.pzh.gov.pl/raport-sytuacja-zdrowotna-ludnosci-polski-i-jej-uwarunkowania/>

## 8. VERIFYING THE EFFECT OF LEARNING

| Code of the course<br>effect of learning          | Ways of verifying the effect of learning                         | Completion criterion                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| G.U1. G.U2. G.U3.<br>G.U6. G.U9. G.U15.<br>G.U18. | Active participation in activities during seminars and lectures. | Participation in activities                                                                                                                                                                                                                                                                                                                                 |
| G.W1. G.W4. G.W5.<br>G.W6. G.W7. G.W18.<br>G.W26. | Test-based colloquium in the form of closed-ended questions      | Test Colloquium – 20 single-choice questions – Passing threshold: 60% <ul style="list-style-type: none"> <li>• 2.0 – 11 or fewer correct answers</li> <li>• 3.0 – 12-13 correct answers</li> <li>• 3.5 – 14-15 correct answers</li> <li>• 4.0 – 16-17 correct answers</li> <li>• 4.5 – 18-19 correct answers</li> <li>• 5.0 – 20 correct answers</li> </ul> |

## 9. ADDITIONAL INFORMATION

- lectures will be available asynchronously in a dedicated course on the eWUM platform: <https://e-learning.wum.edu.pl/en/login/index.php>

- attendance at seminars is compulsory. In the event of absence from classes, the student is obliged to notify the course coordinator or another person designated by the head of the unit by email or in writing, no later than within three working days after the day on which the classes took place. The notification must indicate the date of absence. Late submission of justification is permissible only if the student was unable to do so for justified reasons; in such a case it should be submitted immediately after those reasons cease to apply. In the event of an excused absence from classes, the student is obliged to make up the completed content in a form agreed with the course coordinator. If organisationally possible, this may include participation in classes with another group, subject to prior agreement.

- the course ends with an assessment for credit. In the event of absence from the assessment or failure to take it on the scheduled date, the student is obliged to notify the course coordinator by email or in writing no later than within three working days after the assessment date. Unexcused absence from the assessment constitutes grounds for recording a fail for the given date. In the event of an excused absence from the assessment, the student has the right to take the assessment on the next date scheduled by the unit. If the student does not obtain credit on the last scheduled date in the given academic year, they do not receive credit for classes in this course.

- A student who does not achieve the 60% threshold in the test-based colloquium is entitled to two resit assessment dates, in accordance with the Study Regulations of the Medical University of Warsaw.

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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