

## COURSE DESCRIPTION (SYLLABUS)

1.	Course:  <b>History of Medicine</b>
2.	Language of instruction:  <b>English</b>
3.	Faculty:  <b>Faculty of Biotechnology</b>
4.	Course/module code:
5.	Course/module type ( <i>mandatory or elective</i> ):  <b>elective</b>
6.	Programme:  <b>BSc Biotechnology / MSc Medical Biotechnology</b>
7.	Study cycle:  <b>1st / 2nd cycle</b>
8.	Year:  <b>3rd / 2nd</b>
9.	Semester ( <i>autumn or spring</i> ):  <b>spring</b>
10.	Form of tuition and number of hours:  Lecture: <b>15 h</b>
11.	Name, Surname, academic title:  <b>Justyna CIURASZKIEWICZ, PhD</b>
12.	Initial requirements (knowledge, skills, social competences) regarding the course/module and its completion:  <b>no requirements</b>
13.	Objectives:  <b>The main objective of the course is to introduce students to the key events in the history of medicine, healing, and public health as well as life sciences.</b>
14.	Content:  <b>During the course the following issues will be presented:</b> <ol style="list-style-type: none"> <li><b>1. In chronological order:</b> <ul style="list-style-type: none"> <li>• Prehistoric (Chinese, Indian, and Greco-Roman) medicine.</li> <li>• Arab roots of European Medicine.</li> <li>• Medicine and faith in Middle Ages.</li> <li>• Medical Renaissance.</li> </ul> </li> <li><b>2. In monographic approach:</b></li> </ol>

	<ul style="list-style-type: none"> <li>• From variolation to vaccination.</li> <li>• The discovery of anesthesia.</li> <li>• Germ theory of disease. Anti-septics and antibiotics.</li> <li>• Milestones in surgical history.</li> <li>• Historical overview of transplantation.</li> <li>• History of immunology and cancer.</li> </ul>	
3.	<p>Learning outcomes:</p> <ul style="list-style-type: none"> <li>• student lists the characters, discoveries and events crucial for the development of medical sciences;</li> <li>• student writes a short essay on a topic arising from the course, basing on the literature selected by him/herself;</li> <li>• student prepares oral presentation on a topic arising from the course, basing on the literature selected by him/herself;</li> <li>• student formulates opinions on the importance of a given event in the development of medical sciences;</li> <li>• student identifies ethical dilemmas related to the medical professions.</li> </ul>	<p>Outcome symbols:</p> <p>KW_03</p> <p>KU_03, KU_09, KK_05</p> <p>KU_03, KU_08, KK_05</p> <p>KU_07</p> <p>KK_04</p>
4.	<p>Recommended literature:</p> <ul style="list-style-type: none"> <li>• M. Jackson, Ed. <i>The Oxford Handbook of the History of Medicine</i>, Oxford University Press, 2013.</li> <li>• R. Porter, Ed., <i>The Cambridge History of Medicine</i>, Cambridge University Press, any edition.</li> <li>• R. Porter, Ed., <i>The Cambridge Illustrated History of Medicine</i>, Cambridge University Press, any edition.</li> </ul> <p>Additional (optional) reading:</p> <ul style="list-style-type: none"> <li>• J. Thorwald, <i>Science and Secrets of Early Medicine</i>, any edition.</li> <li>• J. Thorwald, <i>The Century of the Surgeon</i>, any edition.</li> <li>• J. Thorwald, <i>The Triumph of Surgery</i>, any edition.</li> <li>• J. Thorwald, <i>The Patients</i>, any edition.</li> <li>• S. Mukherjee, <i>The Emperor of All Maladies: A Biography of Cancer</i>, any edition.</li> </ul>	
5.	<p>Methods of verification of the assumed learning outcomes</p> <ul style="list-style-type: none"> <li>• Active participation in classes (KW_03, KU_07, KK_04).</li> <li>• End-of-term paper (essay, 1000 – 2000 words) addressing topic arising from the course (KU_03, KU_09, KK_05).</li> <li>• Oral presentation addressing topic arising from the course (KU_03, KU_08, KK_05).</li> </ul>	
6.	<p>Conditions of earning credits:</p> <ul style="list-style-type: none"> <li>• Active participation in classes.</li> <li>• End-of-term paper (essay).</li> <li>• Oral presentation.</li> </ul>	
7.	<p>Student's workload:</p>	

Activity	Number of hours for the activity
Forms of instruction (as stipulated in study programme) : <ul style="list-style-type: none"> <li>• <b>lecture: 15 h</b></li> <li>• <b>consultation: 5 h</b></li> </ul>	20 h
Student's own work: <ul style="list-style-type: none"> <li>• <b>reading</b></li> <li>• <b>writing of an end-of-term paper</b></li> <li>• <b>preparing a presentation</b></li> </ul>	20 h
Total number of hours:	<b>40 h</b>
Number of ECTS:	<b>2 ECTS</b>