University of Gdańsk

Subject card

Subject name and code	Personal Data Protection and Electronic Medical Records, PG_00206617		
Field of study	Healthcare Management		
Date of commencement of studies	October 2027	Academic year of realisation of subject	2029/2030
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study Subject group related to practical vocational preparation
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	6	ECTS credits	2.0
Learning profile	practical	Assessment form	credit
Conducting unit	Department of Business Informatics -> Faculty of Management -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Dariusz Kralewski	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	15.0	0.0	0.0	0.0	15

E-learning hours included: 0.0

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	15	1.0	34.0	50

Subject objectives

- Provision of information on current legislation on personal data protection
- Software supporting electronic medical records

Learning outcomes

Course outcome	Subject outcome	Method of verification
[ZOZL3_W07] Knows and understands the legal, organisational and ethical regulations and standards – including those relating to the protection of intellectual property – that are relevant to business decision-making and operations within the healthcare sector	The student understands the importance of patient data security The student is familiar with the legal regulations on electronic medical records The student has knowledge of various security threats and ways to illegally obtain data	[SW5] implementation of a problem task
[ZOZL3_U05] Can apply legal, professional and ethical standards when making business decisions, particularly those relating to healthcare organisations	The student is able to use basic legal acts on data security The student is able to identify the strengths and weaknesses of data security The student is able to create a security policy for a health care unit	[SU5] implementation of a problem task

<table>
<tr><td>Subject contents</td><td>

- Legal regulation of access to information
- Freedom of information and the right to public information
- Protection of privacy of individuals- Protection of business secrets
- Common crimes committed with the help of information technology tools
- Computer crimes
- Hacking. Unauthorized access to information
- Electronic medical records of patients

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<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>completion of the assessment work - completion of the specified practical work</td><td>51.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>

- K. R. Ong, Medical Informatics: An Executive Primer, Third Edition, HIMSS Publishing, 2015
- S. Biedermann, Introduction to Healthcare Informatics, AHIMA, 2017
- R. E. Hoyt, W. R. Hersh, Health Informatics: Practical Guide, Seventh Edition, Lulu.com, 2018
- R. Zajdel, E. Kącki, P.S. Szczepaniak, M. Kurzyński, Kompendium informatyki medycznej, Alfa-medica Press, Bielsko-Biała, 2003

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<tr><td>Supplementary literature</td><td>

- W. Trąbka, W. Komnata, L. Stalmach, A. Kozierkiewicz, Szpitalne systemy informatyczne, Vesalius, 1997
- E.H. Shortliffe, G.O. Barnett, Medical Data: Their Acquisition, Storage, and Use, w Edward H. Shortliffe Leslie E. Perreault, Medical Informatics. Computer Applications in Health Care and Biomedicine, Second Edition, Springer, 2001

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<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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