

**Module/Course Syllabus**  
**Program: COMPUTER SCIENCE**  
 Full-time master degree program

<b>Course:</b>	<b>Health and Safety</b>
<b>Type of the course:</b>	directional
<b>Course code:</b>	I2S1.00
<b>Year:</b>	I
<b>Semester:</b>	1
<b>Form of the degree program:</b>	full-time
<b>Form of classes and number of hours per semester:</b>	5
e-learning	5
<b>Number of ECTS credits:</b>	0
<b>Form of assessment:</b>	course completion assessment
<b>Course language:</b>	English

<b>Course objective (CO)</b>	
<b>CO1</b>	Familiarisation with the legal aspects of labour protection and the rights and obligations of the employer and employee.
<b>CO2</b>	Familiarisation with risk factors that are dangerous for human health and life in the working environment and with the ways of eliminating them.
<b>CO3</b>	Familiarisation with the causes of accidents and occupational diseases and the principles of post-accident procedures and first aid.
<b>CO4</b>	Transfer of knowledge on occupational health and safety and ergonomics at a computer station.
<b>CO5</b>	Familiarisation with the stages of occupational risk assessment and the ways of its reduction and elimination.

<b>Prerequisites in terms of knowledge, skills and other competencies</b>	
<b>1</b>	---

<b>Learning outcomes (LO)</b>	
	In terms of knowledge:
<b>LO1</b>	Has knowledge of the legal aspects of labour protection and the rights and obligations of the employer and employee.
<b>LO2</b>	Knows the risk factors in the working environment that are dangerous to human health and life and how to eliminate them.
<b>LO3</b>	Has knowledge about the causes of accidents and occupational diseases, post-accident procedures and first aid.
<b>LO4</b>	Knows the principles of occupational health and safety and ergonomics at a computer station.
<b>LO5</b>	Knows the stages of occupational risk assessment and the ways of reducing and eliminating it.
	In terms of skills:
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	In terms of social competence:
<b>LO 6</b>	Is aware of the importance of engineering activities, its impact on the environment, and the associated responsibility for decisions.

Course content	
Form of classes – lectures (L)	
	Course content
L1	Legal aspects of labour protection and the rights and obligations of the employer and employee.
L2	Hazard factors occurring in the work environment that are dangerous to human health and life and ways to eliminate these factors.
L3	Accidents at work, fire protection, post-accident procedures, first aid, occupational diseases.
L4	OHS and ergonomics at a computer station.
L5	Occupational risk assessment. Occupational health and safety management.

Didactic methods	
1	E-learning lecture.

Assessment methods and criteria		
Assessment method symbol	Assessment method description	Passing threshold
A1	Pass (online test)	51%

Required textbooks and other course materials	
1	A set of materials collected and developed by the lecturer made available on the e-learning platform
2	<a href="http://isap.sejm.gov.pl/">http://isap.sejm.gov.pl/</a> Labour Code, Act of June 26, 1974. The text of the act with amendments is available at <a href="http://isap.sejm.gov.pl/">http://isap.sejm.gov.pl/</a>
3	Regulation of the Minister of Science and Higher Education of 5. VII. 2007 on occupational health and safety regulations at universities (Journal of Laws of 2007, No. 128, item 897)
4	Regulation of the Minister of Labour and Social Policy of 1 December 1998 on occupational health and safety at workplaces equipped with screen monitors (Journal of Laws of 1998, No. 148, item 973)
5	Portal of the Central Institute for Labour Protection <a href="http://bip.ciop.pl">http://bip.ciop.pl</a>
6	Rączkowski B., Health and safety in practice, ODDK, Gdańsk 2014

Recommended textbooks and other course materials	
1	Koradecka D., Occupational safety and ergonomics, vol. I and II, CIOP, Warsaw 1999
2	Kowal E., Economic and social aspects of ergonomics, PWN, Warsaw 2002
3	Horst W., (ed.), Ergonomics with elements of work safety, Poznań University of Technology Publishing House, Poznań 2006
4	Bugajska J., (ed.), Computer workplace – health and ergonomic aspects, Central Institute for Labour Protection, Warsaw 2003 5 <a href="http://pracowniabhp.pl">http://pracowniabhp.pl</a>
5	<a href="http://pracowniabhp.pl">http://pracowniabhp.pl</a>

Student workload	
Form of activity	Average number of hours to complete the activity
Contact hours with the lecturer, including:	0
Student's own work, including:	15
<i>participation in lectures - e-learning</i>	5

<i>preparation for passing</i>	10
<b>Total student workload</b>	0
<b>Total number of ECTS credits</b>	0

<b>Learning outcomes matrix</b>					
<b>Learning outcome</b>	<b>Reference to learning outcomes defined for the master's program</b>	<b>Course objectives</b>	<b>Course content</b>	<b>Didactic methods</b>	<b>Assessment methods</b>
LO1	I2A_W14 +++	OC1	L1	1	A1
LO2	I2A_U08 +++	OC2	L2	1	A1
LO3	I2A_U08 +++	OC3	L3	1	A1
LO4	I2A_U08 +++	OC4	L4	1	A1
LO5	I2A_W13 ++	OC5	L5	1	A1
LO6	I2A_K03 +++	OC1 - OC5	L1 - L5	1	A1

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