Course Title:	Telemedicine with Elements of Medical Simulation
Coordinator:	Prof. Irena Roterman-Konieczna /
Responsible person/contact:	Wojciech Lasoń / e-mail: wojtekls@poczta.fm
Address:	Department of Bioinformatics and Telemedicine, Kopernika 7e
Year:	2-6

Total number of hours:	**30**
Lectures:	-
Seminars:	-
Labs/Practicals:	30
Others (e.g. recitation):	-
Exams:	
Conduct/Dress Code:	-

Student's Evaluation:

-credit requirements:	Students need to pass clinical pathway project and the final test Students should collect at least 61% of the points from final test (61 of 100)
-attendance requirements:	attendance at all classes required
-type of the final exam:	no final exam
-retake information:	students, who failed to score required number of points during the course will retake the final test
Location of the course:	ZBIT – Department of Bioinformatics and Telemedicine Kopernika 7e, room A & B,

ECTS: 2

Prerequisites: -

Week	Day	Time	Type of classes	No of hours	Group	Topic	teacher	place
week 17 26 February - 02 March	Mon	8.00–10.15	lab	3	S	Medical Image Analysis	Wojciech Lasoń	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	P	Medical Image Analysis	Wojciech Lasoń	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	Z	E-learning and Virtual Patients	Andrzej Kononowicz	Kopernika 7e, room B
	Wed	8.00–10.15	lab	3	X	Medical Image Analysis	Wojciech Lasoń	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	Y	E-learning and Virtual Patients	Andrzej Kononowicz	Kopernika 7e, room B
	Fri	8.00 – 10.15	lab	3	W	Medical Image Analysis	Wojciech Lasoń	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	R	E-learning and Virtual Patients	Andrzej Kononowicz	Kopernika 7e, room B
week 18 05 - 09 March	Mon	8.00–10.15	lab	3	S	E-learning and Virtual Patients	Andrzej Kononowicz	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	P	E-learning and Virtual Patients	Andrzej Kononowicz	Kopernika 7e, room A

	Mon	12.45–15.00	lab	3	Z	Medical Image Analysis	Wojciech Lasoń	Kopernika 7e, room B
	Wed	8.00–10.15	lab	3	X	E-learning and Virtual Patients	Andrzej Kononowicz	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	Y	Medical Image Analysis	Wojciech Lasoń	Kopernika 7e, room B
	Fri	8.00 – 10.15	lab	3	W	E-learning and Virtual Patients	Andrzej Kononowicz	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	R	Medical Image Analysis	Wojciech Lasoń	Kopernika 7e, room B
week 19 12 - 16 March	Mon	8.00–10.15	lab	3	S	Clinical Decision Support Systems	Andrzej Kononowicz	Kopernika 7e, room B
	Mon	12.45–15.00	lab	3	P	Clinical Decision Support Systems	Andrzej Kononowicz	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	Z	Clinical Pathways	Klaudia Proniewska	Kopernika 7e, room B
	Wed	8.00–10.15	lab	3	X	Clinical Decision Support Systems	Andrzej Kononowicz	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	Y	Clinical Pathways	Klaudia Proniewska	Kopernika 7e, room B
	Fri	8.00 – 10.15	lab	3	W	Clinical Decision Support Systems	Andrzej Kononowicz	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	R	NCBI Databases	Monika Piwowar	Kopernika 7e, room B
week 20 19 - 23 March	Mon	8.00–10.15	lab	3	S	Clinical Pathways	Klaudia Proniewska	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	P	Clinical Pathways	Klaudia Proniewska	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	Z	Clinical Decision Support Systems	Andrzej Kononowicz	Kopernika 7e, room B
	Wed	8.00–10.15	lab	3	X	Clinical Pathways	Klaudia Proniewska	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	Y	Clinical Decision Support Systems	Andrzej Kononowicz	Kopernika 7e, room B
	Fri	8.00 – 10.15	lab	3	W	Clinical Pathways	Klaudia Proniewska	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	R	Clinical Decision Support Systems	Andrzej Kononowicz	Kopernika 7e, room B
week 21 26 - 30 March	Mon	8.00–10.15	lab	3	S	Medical teleconsultation	Wojciech Lasoń, Piotr Obtułowicz	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	P	Medical teleconsultation	Wojciech Lasoń, Piotr Obtułowicz	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	Z	3D Technologies in Medicine	Mateusz Banach	Kopernika 7e, room B

				EASTER BREAK				
week 21 02 - 06 April				**EASTER BREAK**				
	Wed	8.00–10.15	lab	3	X	Medical teleconsultation	Wojciech Lasoń, Piotr Obtułowicz	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	Y	NCBI Databases	Monika Piwowar	Kopernika 7e, room B
	Fri	8.00–10.15	lab	3	W	Medical teleconsultation	Wojciech Lasoń, Piotr Obtułowicz	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	R	Clinical Pathways	Klaudia Proniewska	Kopernika 7e, room B
week 22 09 – 13 April	Mon	8.00–10.15	lab	3	S	Simulation in Medicine, Remote Patients Monitoring System	Klaudia Proniewska	Kopernika 7e, room B
	Mon	12.45–15.00	lab	3	P	Simulation in Medicine, Remote Patients Monitoring System	Klaudia Proniewska	Kopernika 7e, room B
	Mon	12.45–15.00	lab	3	Z	Medical teleconsultation	Wojciech Lasoń, Piotr Obtułowicz	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	X	Simulation in Medicine, Remote Patients Monitoring System	Klaudia Proniewska	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	Y	3D Technologies in Medicine	Mateusz Banach	Kopernika 7e, room B
	Fri	8.00 – 10.15	lab	3	W	Simulation in Medicine, Remote Patients Monitoring System	Klaudia Proniewska	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	R	3D Technologies in Medicine	Mateusz Banach	Kopernika 7e, room B
week 23 16 - 20 April	Mon	8.00–10.15	lab	3	S	3D Technologies in Medicine	Mateusz Banach	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	P	3D Technologies in Medicine	Mateusz Banach	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	Z	Simulation in Medicine, Remote Patients Monitoring System	Klaudia Proniewska	Kopernika 7e, room B

	Day	Time	Type		Group	Subject	Teacher	Room
	Wed	8.00–10.15	lab	3	X	3D Technologies in Medicine	Mateusz Banach	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	Y	Simulation in Medicine, Remote Patients Monitoring System	Klaudia Proniewska	Kopernika 7e, room B
	Fri	8.00 – 10.15	lab	3	W	3D Technologies in Medicine	Mateusz Banach	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	R	Simulation in Medicine, Remote Patients Monitoring System	Klaudia Proniewska	Kopernika 7e, room B
week 24 23 - 27 April	Mon	8.00–10.15	lab	3	S	NCBI Databases	Monika Piwowar	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	P	NCBI Databases	Monika Piwowar	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	Z	Medical Robotics	Mateusz Banach	Kopernika 7e, room B
	Wed	8.00–10.15	lab	3	X	NCBI Databases	Monika Piwowar	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	Y	Medical Robotics	Mateusz Banach	Kopernika 7e, room B
	Fri	8.00 – 10.15	lab	3	W	NCBI Databases	Monika Piwowar	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	R	Medical Robotics	Mateusz Banach	Kopernika 7e, room B
week 25 30 April - 04 May					**LONG WEEKEND**			
week 26 07 - 11 May	Mon	8.00–10.15	lab	3	S	Medical Robotics	Mateusz Banach	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	P	Medical Robotics	Mateusz Banach	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	Z	NCBI Databases	Monika Piwowar	Kopernika 7e, room B
	Wed	8.00–10.15	lab	3	X	Medical Robotics	Mateusz Banach	Kopernika 7e, room B
	Wed	8.00–10.15	lab	3	Y	Medical teleconsultation	Wojciech Lasoń, Piotr Obtułowicz	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	W	Medical Robotics	Mateusz Banach	Kopernika 7e, room B
	Fri	8.00 – 10.15	lab	3	R	Medical teleconsultation	Wojciech Lasoń, Piotr Obtułowicz	Kopernika 7e, room A

week 27 14 - 18 May	Mon	8.00–10.15	lab	3	S	Final Test, Medical Mobile Applications	Wojciech Lasoń	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	P	Final Test, Medical Mobile Applications	Wojciech Lasoń	Kopernika 7e, room A
	Mon	12.45–15.00	lab	3	Z	Final Test, Medical Mobile Applications	Klaudia Proniewska	Kopernika 7e, room B
	Wed	8.00–10.15	lab	3	X	Final Test, Medical Mobile Applications	Andrzej Kononowicz	Kopernika 7e, room A
	Wed	8.00–10.15	lab	3	Y	Final Test, Medical Mobile Applications	Mateusz Banach	Kopernika 7e, room B
	Fri	8.00 – 10.15	lab	3	W	Final Test, Medical Mobile Applications	Andrzej Kononowicz	Kopernika 7e, room A
	Fri	8.00 – 10.15	lab	3	R	Final Test, Medical Mobile Applications	Mateusz Banach	Kopernika 7e, room B