

## University of Silesia Transcript of Records

### INFORMATION ON THE STUDENT

Surname: *Kwapich*  
First name(s): *Robert Sebastian*  
Date of birth (day, month, year): *22.01.1991*  
Student identification number or code: *276941*

### INFORMATION ON THE STUDIES

Name of the programme: *Fizyka medyczna - stacjonarne I stopnia (inżynierskie) /2008/2009/*  
Date of the beginning of studies: *01.10.2011*  
Mode of study: *full-time*; Level of qualification: *first degree studies*  
Field of study: *Medical Physics*

### INFORMATION ON THE RESULTS GAINED (limited to periods from 2011/2012Z to 2014/2015Z)

Course duration			
Course	Type/No. of hrs	Grade	ECTS
<b>winter semester 2011/2012</b>			
(0305-M006M) Algebra and Geometry	w 30 / k 30	[5 / 5]	6
(0305-C106M) Chemistry	w 30 / l 15	[ / 4,5]	4
(0305-D006M) Physical Laboratory (part I)	l 45	[5]	3
(0305-D001M) Fundamentals of Physics: Mechanics	w 30 / k 30	[5 / 5]	6
(0305-M002M) Fundamentals of Statistical Methods of Data Analysis	w 15 / l 15	[ / 5]	2
(0305-M000M) Repetitory Course of Mathematics	k 15	[5]	1
(US-BHP) Health and Safety training	kurs	[Zal]	
(0305-K201M.0) Information Technologies	l 30	[5]	2
(0305-M003M.0) Introduction to Mathematical Analysis	w 30 / k 15	[4 / 5]	4
(0305-A114M) Issues of Public Health and Medical Sociology	w 30	[5]	2
<b>summer semester 2011/2012</b>			
(0305-M003M) Mathematical Analysis	w 30 / k 30	[5 / 5]	6
(0305-A107M) Biophysics	w 30 / l 15	[5 / 5]	4
(0305-D108M.1) Electronics part I	w 30	[5]	2
(31-ST-L30-ANG-B2.1) English as a foreign language B2	lekt 30	[4,5]	1
(0305-A110M) Physical Medicine	l 15	[5]	1
(0305-A101M) Fundamentals of Anatomy and Elements of Histology	w 30 / l 30	[4,5 / 3]	6
(0305-D002M) Fundamentals of Physics: Electricity and Magnetism	w 30 / k 30	[5 / 5]	6
(0305-M002M.2) Fundamentals of Statistical Methods of Data Analysis, part 2	w 15 / l 15	[5 / 5]	3
(0305-K102M) Course of Computer Programming	w 15 / l 15	[ / 5]	2
<b>winter semester 2012/2013</b>			
(0305-A106M) Biochemistry	w 30	[5]	2
(0305-D108M.2) Electronics part 2	l 45	[5]	3
(0305-A103M) Physiology with Cytophysiology	w 30 / l 15	[3,5 / 4,5]	4
(0305-K105M) Engineering Graphics	w 30 / l 30	[4,5 / 5]	6
(31-ST-L30-ANG-B2.2) English as a foreign language B2	lekt 30	[5]	1
(32-PLYWKM) Swimming – learning and practice men and women	c 30	[5]	

(0305-D004M) Fundamentals of Physics: Optics and Structure of Matter	w 30 / k 30	[5 / 5]	6
(0305-A113M) Fundamentals of Clinical Medicine	w 30 / k 15	[ / 4]	3
(0305-D003M) Thermodynamics	w 30 / k 30	[4,5 / 5]	6
<b>summer semester 2012/2013</b>			
(0305-A112M) Biology with Embryology and Genetics	w 30 / k 15	[3,5 / 4,5]	4
(31-ST-L30-ANG-B2.3) English as a foreign language B2	lekt 30	[5]	1
(0305-D007M) Physical Laboratory (part II)	l 75	[5]	5
(0305-T003M) Quantum Mechanics	w 30 / k 30	[5 / 5]	6
(0305-D115M.1.1) Physical Methods in Biology and Medicine I part 1	w 30 / k 30	[5 / 5]	6
(32-PLYWKM) Swimming – learning and practice men and women	c 30	[5]	
(0305-D012M) Introduction to Nuclear Physics	w 15 / k 15	[5 / 5]	3
(0305-D010M) Selected Topics In Molecular and Solid State Physics	w 30 / k 30	[4,5 / 5]	6
<b>winter semester 2013/2014</b>			
(0305-A115M) Biomedical Signal Processing	w 30 / pro 15	[ / 4]	3
(0305-A133M) Radiologic Anatomy	w 45 / l 30	[4 / 3]	6
(0305-A108M.1) Medical Equipment and its Applications part I	w 30	[5]	3
(0305-A105M.1.0) Dosimetry of Ionising Radiation I	w 30 / l 15	[4 / 5]	4
(31-ST-L30-ANG-B2.4E) English as a foreign language B2	egz / lekt 30	[5 / 5]	2
(0305-D115M.1.2) Physical Methods in Biology and Medicine I part 2	l 60	[5]	5
(0305-K114M.1) Methods of Medical Imaging part 1	w 15 / l 15	[5 / 5]	3
(0305-F005M.M1) Diploma Laboratory part 1	pro 15	[5]	1
(0305-A135M.1) Medical X-ray Imaging part 1	w 15	[3,5]	1
(0305-A136M.1) Radiological Techniques I	l 45	[5]	3
(0305-A104M0) Application of Isotopes in Medicine	w 30	[4,5]	2
<b>summer semester 2013/2014</b>			
(0305-A108M.2) Medical Equipment and its Applications part 2	l 75	[5]	5
(0305-E104M) Elements of Psychology	w 30	[5]	2
(0305-Z214M) Philosophy and Ethical Issues of Natural Sciences	w 30	[5]	2
(0305-K114M.2) Methods of Medical Imaging part 2	pro 15	[5]	2
(0305-D116M) Radiological Protection	w 15 / l 15	[5 / 5]	3
(0305-A134M) Patophysiology	w 30 / l 30	[3,5 / 5]	4
(0305-A137M) Basics of Electrodiagnostics and Electrotherapy	w 30 / l 30	[ / 5]	4
(0305-A125ME) Fundamentals of Radiotherapy	w 30 / pro 15	[5 / 5]	4
(0305-F005M.M2) Diploma Laboratory part 2	l 60	[5]	3
(0305-F002M.M1) Diploma Seminar part 1	s 15	[5]	1
(0305-A136M.2) Radiological Techniques II	l 45	[5]	3
<b>winter semester 2014/2015</b>			
(0305-A111M) First Aid	w 15	[5]	1
(0305-F005M.M3) Diploma Laboratory part 3	l 60	[5]	3
(0305-A141M) Radiotherapy with Elements of Clinical Oncology	w 15 / l 15	[5 / 5]	2
(0305-A135M.2) Medical X-ray Imaging part 2	l 45	[5]	3
(0305-F002M.M2) Diploma Seminar part 2	s 15	[4]	1
(0305-S273) Artificial Organs and Medical Robots	w 30	[5]	3
(0305-A126M.1) Telereadotherapy I	w 30 / pro 15	[ / 5]	3

**ECTS in total:**

220

**Course code description:**

<i>c</i>	<i>practical classes</i>	<i>egz</i>	<i>examination</i>
<i>k</i>	<i>discussion classes</i>	<i>kurs</i>	
<i>l</i>	<i>laboratory classes</i>	<i>lekt</i>	
<i>pro</i>		<i>pw</i>	
<i>s</i>	<i>seminar</i>	<i>w</i>	<i>lecture</i>

Grades outside brackets are course grades, grades inside brackets are grades for the classes, vertical bar separates grades for various classes, semicolon separates grades on various exam reports, space separates grades on the same exam report, order of grades on a report follows order of exam sessions.

ZAL (zaliczenie) = non-graded pass, NZAL (niezaliczenie) = fail.

ECTS credits: 1 full academic year = 60 credits.

**University grading scale related to ECTS grading system:**

ECTS grade	Local grade	Local definition
<i>F</i>	2	<i>niedostateczny (drugi termin egzaminu)</i>
<i>FX</i>	2	<i>niedostateczny (pierwszy termin)</i>
<i>E</i>	3	<i>dostateczny</i>
<i>D</i>	3,5	<i>dostateczny plus</i>
<i>C</i>	4	<i>dobry</i>
<i>B</i>	4,5	<i>dobry plus</i>
<i>A</i>	5	<i>bardzo dobry</i>

PRODZIEKAN

dr hab. Roman Wzrostek

Signature and name-bearing stamp or seal of the dean or head of the organisational unit