

Subjects / semesters	ECTS	Egzamin/credit	Total hours	Lectures	Exercises (audit.)	Exercises laboratory	Outside exercises	Lectures/per week	Exercises/per week
I-st SEMESTER									
English 1	1	z	15	0		15		0	1
Commercialization of research results & soft competences development.	2	z	30	0	30			0	2
Subject to choose I - block A	3	e	30	30				2	0
Σ	6	1	75	30	30	15	0	2	3
SEMESTR II									
English 2	1	z	15	0		15		0	1
Subject to choose II - block B	3	e	30	30				2	0
Professional training - practicies 1	1	z	10		10				
Σ	5	1	55	30	10	15	0	2	1
SEMESTR III									
English 3	1	z	15	0		15		0	1
Doctoral seminar 1	1	z	15	0		15		0	1
Advanced methods of analysis of experimental data and designs of experim	3	z	45	15		30		1	2
Subject to choose III - block C	3	z	30	15	15			1	1
Σ	8	0	105	30	15	60		2	5
SEMESTR IV									
English 4	1	z	15	0		15		0	1
Doctoral seminar 2	1	z	15	0		15		0	1
Subject to choose IV - block D	3	z	30		30			0	2
Professional training - practicies 2	1	z	10		10				
Σ	6	0	70	0	40	30	0	0	4
SEMESTR V									
English 5	1	z	15	0		15		0	1
Doctoral seminar 3	1	z	15	0		15		0	0
Biosensors in the control systems of technological processes	1	z	15		15			0	1
Σ	3	0	45	0	15	30	0	0	2
SEMESTR VI									
English 6	1	z	15	0		15		0	1
Doctoral seminar 4	1	z	15	0		15		0	1
Philozophy	2	e	15	15				1	0
Professional training - practicies 3	1	z	10		10				
Σ	5	1	55	15	10	30	0	1	2
SEMESTR VII									
Doctoral seminar 5	1	z	15	0		15		0	1
Check of doctoral disertation advancement level *		z							
Σ	1	0	15	0	0	15	0	0	1
SEMESTR VIII									
Professional training - practicies 4	1	z	10		10				
OBTAINING OF THIRD LEVEL QUALIFICATION		z							
Σ	1	0	10	0	10	0	0	0	0
TOTAL hours in semesters I - VIII	35		430						

* Note is given by Head of doctoral studies on the base of doctoral thesis advance level:

- < 70% - not satisfactory (2,0)
- 70% - 75% - satisfactory (3,0)
- 76% - 80% - better than satisfactory (3,5)
- 81% - 85% - good (4,0)
- 86% - 90% - better than good (4,5)
- > 90% - very good (5,0)

PROREKTOR
ds. Studenckich i Dydaktyki

prof. dr hab. Krzysztof Gołacki

DZIEKAN
prof. dr hab. inż. Andrzej Marczuk

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accepted