

**FACULTY OF Agrobiengineering**

Field of Science / Scientific Discipline Agronomy full time third degree (PhD) studies in English.

Approved by resolution of Faculty Council on., 24. 09. 2014, valid for academic year 2014/2015 from 1.10.2014.

Subjects / semesters	ECTS	Egzam/credit	Total hours	Lectures	Exercises (audit.)	Exercises laboratory	Outside exercises	Lectures/per week	Exercises/per week	YEAR of STUDY
<b>I-st SEMESTER</b>										
English 1	1	z	15	0		15		0	1	I-st YEAR
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	
<b>Σ</b>	<b>6</b>	<b>1</b>	<b>75</b>	<b>30</b>	<b>30</b>	<b>15</b>	<b>0</b>	<b>2</b>	<b>3</b>	
<b>SEMESTR II</b>										
English 2	1	z	15	0		15		0	1	I-st YEAR
Subject to choose II - block B	3	e	30	30				2	0	
Professional training - practicies 1	1	z	10		10					
<b>Σ</b>	<b>5</b>	<b>1</b>	<b>55</b>	<b>30</b>	<b>10</b>	<b>15</b>	<b>0</b>	<b>2</b>	<b>1</b>	
<b>SEMESTR III</b>										
English 3	1	z	15	0		15		0	1	II-nd YEAR
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		30							
<b>Σ</b>	<b>8</b>	<b>0</b>	<b>105</b>	<b>15</b>	<b>0</b>	<b>60</b>		<b>1</b>	<b>4</b>	
<b>SEMESTR IV</b>										
English 4	1	z	15	0		15		0	1	II-nd YEAR
Doctoral seminar 2	1	z	15	0		15		0	1	
Subject to choose IV - block D	3		30							
Professional training - practicies 2	1	z	10		10					
<b>Σ</b>	<b>6</b>	<b>0</b>	<b>70</b>	<b>0</b>	<b>10</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>2</b>	
<b>SEMESTR V</b>										
English 5	1	z	15	0		15		0	1	III-rd YEAR
Doctoral seminar 3	1	z	15	0		15		0	0	
Conversatorium of trends in agronomy	1		15							
<b>Σ</b>	<b>3</b>	<b>0</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>1</b>	
<b>SEMESTR VI</b>										
English 6	1	z	15	0		15		0	1	III-rd YEAR
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					
<b>Σ</b>	<b>5</b>	<b>1</b>	<b>55</b>	<b>15</b>	<b>10</b>	<b>30</b>	<b>0</b>	<b>1</b>	<b>2</b>	
<b>SEMESTR VII</b>										
Doctoral seminar 5	1	z	15	0		15		0	1	VI-4th YEAR
Check of doctoral disertation advancement level *		z								
<b>Σ</b>	<b>1</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>1</b>	
<b>SEMESTR VIII</b>										
Professional training - practicies 4	1	z	10		10					VI-4th YEAR
OBTAINING of THIRD LEVEL QUALIFICATION		z								
<b>Σ</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL hours in semesters I - VIII</b>	<b>35</b>		<b>430</b>							

\* 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)

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accepted

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Subjects /semesters	ECTS	Egzam/credit	Total hours	Lectures	Exercices (audit.)	Exercices laboratory	Outside exercices	Lectures/ week	Exercices/ week
<b>SEMESTER I - BLOCK A</b>									
Bioethical aspects of research and didactics	3	e	30	30				2	0
Methodological and ethical aspects of research and didactics	3	e	30	30				2	0
<b>SEMESTER II - BLOCK B</b>									
Methodology and didactic of life sciences	3	e	30	30				2	0
Sociology - selected aspects	3	e	30	30				2	0
<b>SEMESTER III - BLOCK C</b>									
Biology of eultivated plants	3		30						
Modern research and teaching teching in agricultural	3		30						
<b>SEMESTER IV - BLOCK D</b>									
Molecular diagnostics in life science	3		30						
Applied climatology	3		30						

<b>COURSE</b>	<b>Responsible person</b>
<b>SEMESTER I</b>	
English 1	SPNJO - Language Center
Commercialization of research results & soft competences development.	dr hab. inż. Bartosz Sołowiej
Bioethical aspects of research and didactics	prof. dr hab. Tomasz Gruszecki
Methodological and ethical aspects of research and didactics	prof. dr hab. Tadeusz Filipek
<b>SEMESTER II</b>	
English 2	SPNJO - Language Center
Methodology and didactic of life sciences	prof. dr hab. Jerzy Paleolog
Sociology - selected aspects	dr Maria Miczyńska-Kowalska
Professional training - practices 1	kierownik SD
<b>SEMESTER III</b>	
English 3	SPNJO - Language Center
Doctoral seminar 1	kierownik SD
Advanced methods of analysis of experimental data and designs of experim	prof. dr hab. Zofia Hanusz
Subject to choose in English III - blok C	przedmiot wskazany przez radę wydziału
Subject to choose in English III - blok C	przedmiot wskazany przez radę wydziału
<b>SEMESTER IV</b>	
English 4	SPNJO - Language Center
Doctoral seminar 2	kierownik SD
Subject to choose in English IV - blok D	przedmiot wskazany przez radę wydziału
Subject to choose in English IV - blok D	przedmiot wskazany przez radę wydziału
Professional training - practices 2	kierownik SD
<b>SEMESTER V</b>	
English 5	SPNJO - Language Center
Doctoral seminar 3	kierownik SD
Subject to be determined by Faculty Council	przedmiot wskazany przez radę wydziału
<b>SEMESTER VI</b>	
English 6	SPNJO - Language Center
Doctoral seminar 4	kierownik SD
Philozophy	dr hab. Andrzej Kapusta - UMCS
Professional training - practices 3	kierownik SD
<b>SEMESTER VII</b>	
Doctoral seminar 5	kierownik SD
Check of doctoral disertation advancement level	
<b>SEMESTER VIII</b>	
Professional training - practices 4	kierownik SD
OBTAINING of THIRD LEVEL QUALIFICATION	opiekun naukowy / promotor