

Framework plan of PhD studies

Faculty conducting doctoral studies:	Faculty of Physics, Astronomy and Informatics
Name of doctoral studies:	Interdisciplinary doctoral studies in physical sciences
Number of semesters:	8
Total number of ECTS points:	40

I year of study (To pass the year, 10 ECTS points are required)

Mandatory courses							
Module code in USOS	The name of the module	The name of the course	Course code in USOS	Form of classes	Form of credit	Number of hours	Number of ECTS points
		The main seminar		seminar	grade	60	2
		Specialist laboratory		laboratory	grade	60	2
		Course lecture ¹		lecture	exam	30	3
In total:							7
Optional courses							
Module code in USOS	The name of the module	The rules for selecting courses within the module					The minimum number of ECTS points
	Specialist lecture ¹	One of the monographic lectures					3
In total:							3
Teaching practices							
	Form of teaching practices	Evaluation rules					Number of ECTS points
	Professional practice ²	Conducting didactic classes					0

II year of study (To pass the year, 10 ECTS points are required)

Mandatory courses							
Module code in USOS	The name of the module	The name of the course	Course code in USOS	Form of classes	Form of credit	Number of hours	Number of ECTS points
		The main seminar		seminar	grade	60	2
		Specialist laboratory		laboratory	grade	60	2
		Course lecture ¹		lecture	exam	30	3
In total:							7
Optional courses							
Module code in USOS	The name of the module	The rules for selecting courses within the module					The minimum number of ECTS points
	Specialist lecture ¹	One of the monographic lectures					3
In total:							3
Teaching practices							
	Form of teaching practices	Evaluation rules					Number of ECTS points
	Professional practice ²	Conducting didactic classes					0

III year of study (To pass the year, 11 ECTS points are required)

Mandatory courses							
Module code in USOS	The name of the module	The name of the course	Course code in USOS	Form of classes	Form of credit	Number of hours	Number of ECTS points
		The main seminar		seminar	grade	60	2
		Specialist laboratory		laboratory	grade	60	2
In total:							4
Optional courses							
Module code in USOS	The name of the module	The rules for selecting courses within the module					The minimum number of ECTS points
	didactic ³	Modern techniques of conducting classes (45 hours, exam)					5
		Seminar in English					2
		Preparation for the additional discipline exam					3
In total:							10
Teaching practices							
	Form of teaching practices	Evaluation rules					Number of ECTS points
	Professional practice ²	Conducting didactic classes					0

IV year of study (To pass the year, 9 ECTS points are required)

Mandatory courses							
Module code in USOS	The name of the module	The name of the course	Course code in USOS	Form of classes	Form of credit	Number of hours	Number of ECTS points
		The main seminar		seminar	grade	60	2
		Specialist laboratory		laboratory	grade	60	2
In total:							4
Optional courses							
Module code in USOS	The name of the module	The rules for selecting courses within the module					The minimum number of ECTS points
	professional ⁴	Organization and financing of research (15 hours, exam)					2
		Scientific writing (30 hours, grade)					3
In total:							5
Teaching practices							
	Form of teaching practices	Evaluation rules					Number of ECTS points
	Professional practice ²	Conducting didactic classes					0

All classes provided for doctoral studies may take place in English.

The study plan is valid from the academic year 2017/2018.

The study plan was adopted at the meeting of the Council of the Faculty of Physics, Astronomy and Informatics on 21/06/2017.

1 During the first two years of studies, it is required to obtain 6 ECTS points from course lectures and 6 ECTS points from specialistic lectures or another subject from the second-cycle program offer after obtaining the consent of the Head of PhD Studies.

2 The mandatory length of professional practice is 210 hours in four years.

3 A student may complete the didactic module earlier, i.e. on the first or second year, but ECTS points will be credited on the year III.

4 A student may complete the professional module earlier, i.e. on the first, second or third year, but ECTS points will be credited on the IV year.