

Basic discipline - course description

General information	
Course name	Basic discipline
Course ID	13.2-WF-FiAT-BD- 18
Faculty	Faculty of Physics and Astronomy
Field of study	Physics and Astronom
Education profile	academic
Level of studies	PhD studies
Beginning semester	winter term 2018/2019

Course information	
Semester	8
ECTS credits to win	4
Course type	obligatory
Teaching language	english
Author of syllabus	<ul style="list-style-type: none">prof. dr hab. Wiesław Leoński

Classes forms					
The class form	Hours per semester (full-time)	Hours per week (full-time)	Hours per semester (part-time)	Hours per week (part-time)	Form of assignment
Egzamin	0	0	-	-	Exam

Aim of the course

Gaining systematized knowledge in the field of physics and (or) astronomy including topics of the Ph.D. dissertation. Ability to pass gained knowledge to others.

Prerequisites

The student should evince general knowledge in the field of physics and (or) astronomy within the frame of the Ph.D. studies.

Scope

The scope is determined by the Ph.D. studies program. It is broadened on the topics related to those presented in the Ph.D. dissertation.

Teaching methods

Standard oral exam.

Learning outcomes and methods of theirs verification

Outcome description	Outcome symbols	Methods of verification	The class form
The student knows the methodology of physics and (or) astronomy such a way that he/she is able to plan the way in which research problems will be solved.	<ul style="list-style-type: none">SD_W04	<ul style="list-style-type: none">The exam – Ph.D. exam	<ul style="list-style-type: none">Egzamin
The student knows the latest theories, research methods and ideas in the field of physics and (or) astronomy, and specialist knowledge allowing him/her to create new theories.	<ul style="list-style-type: none">SD_W02	<ul style="list-style-type: none">The exam – Ph.D. exam	<ul style="list-style-type: none">Egzamin
The student has gained general and advanced knowledge in the field of physics and (or) astronomy, and specialist one related to the topics of his/her Ph.D. dissertation.	<ul style="list-style-type: none">SD_W01	<ul style="list-style-type: none">The exam – Ph.D. exam	<ul style="list-style-type: none">Egzamin
The student understands the most complex dependencies appearing in physics and (or) astronomy and in other affined fields (including the interdisciplinary relations).	<ul style="list-style-type: none">SD_W03	<ul style="list-style-type: none">The exam – Ph.D. exam	<ul style="list-style-type: none">Egzamin

Assignment conditions

Passing the exam.

Recommended reading

Academic textbooks related to the topics of the Ph.D. dissertation.

Further reading

none

Notes

none

