

# WYDZIAŁ FIZYKI UW

Field of study: *Physics (Studies in English)*

Profile: general academic

2-year second cycle programme, full-time

Academic year: 2025/2026

Specialization: Geophysics

## First year, semester 1

			Option A		Option B		
Course title	Course code	Form of classes	Number of hours	Number of ECTS points	Number of hours	Number of ECTS points	Learning outcomes assessment
Physics Laboratory, 2nd level A	1100-4PLA	lab	45	5	45	5	written report (grade <sup>#</sup> )
Elective course from the Statistical physics list	1100-4SPA or 1100-4SPB	lecture	45	7	45	7	written or oral exam
		exercises	45		45		
Intellectual property and entrepreneurship (Option A) or Intellectual property and entrepreneurship with team project (Option B)	1100-4IPE or 1100-4AF16	lecture	30	2	30	5	written exam
		project	0	0	75		project
Subject to choose from the Numerical analysis list		lecture	30	3	30	3	written exam or grade
		exercises					
Electives from the Topics in contemporary physics list			60	6	30	3	written exam or grade
Specialist elective subjects			90	9	90	9	written or oral exam
In total			345	32	390	32	

## First year, semester 2

Course title	Course code	Form of classes	Number of hours	Number of ECTS points	Learning outcomes assessment
Introduction to Philosophy	1100-IP	seminar	30	3	grade
Subject to choose from the Numerical analysis list		lecture	30	3	written exam or grade
		exercises			
Electives from the Topics in contemporary physics list			30	3	written exam or grade
Proseminar Geophysics	1100-4PG	seminar	30	3	grade
Geophysical laboratory I	1100-4GL1	lab	100	10	grade
Specialist elective subjects			30	3	written or oral exam
OGUN (General University Courses)*			30	3	written exam or grade
In total			280	28	

## Second year, semester 3

			Option A***		Option B		
Course title	Course code	Form of classes	Number of hours	Number of ECTS points	Number of hours	Number of ECTS points	Learning outcomes assessment
Team project**	1100-TP or 1100-ZPS2	project	75	5	0	0	grade
Specialist elective subjects			140	14	140	14	written or oral exam
Geophysical Laboratory II	1100-5GL2	lab	100	10	100	10	grade
Specialist seminar		seminar	30	2	30	2	grade
OGUN (General University Courses)*			30	3	30	3	written exam or grade
In total			375	34	300	29	

Second year, semester 4					
Course title	Course code	Form of classes	Number of hours	Number of ECTS points	Learning outcomes assessment
Work placement	1100-WP	internship	80	4	written report (grade)
Proseminar Challenges of the modern times	1100-PCMT	seminar	20	2	grade
Specialist elective subjects			30	3	written or oral exam
Proseminar: Geophysics	1100-4PG	seminar	30	3	grade
Geophysical Laboratory III	1100-5GL3	lab	210	19	submission of a master's thesis accepted by the supervisor
In total			370	31	

In total	Option A		Option B	
	Number of hours	Number of ECTS points	Number of hours	Number of ECTS points
1 year	625	60	670	60
2 year	745	65	670	60
1 and 2 year	1370	125	1340	120

**Comments:**

\* The completion of 5 ECTS from subjects in the fields of humanities or social sciences is required as part of the study program.

\*\* A team project can be completed within a dedicated course or as part of other courses in the study program, provided that the organization of the subject's classes involves teamwork.

\*\*\* Option A is obligatory for those students who did not complete a team project during the first year

# Passing with a grade means that the grade is awarded based on one or more written assessments conducted during the course of the didactic classes or based on one or more written assignments carried out during the period of didactic classes, following the subject's syllabus.