

Lecture framework of the
Interdisciplinary PhD School „Academia Copernicana”

Scientific fields	All fields represented at NCU
Scientific disciplines	All disciplines represented at NCU
Duration of studies	4 years
Number of ECTS points	30
Total number of contact hours	300

Code	Name	Lecture / tutorial	Contact hours	ECTS
	Obligatory lectures			
Module I	(odd years ex. 2019/2020, 2021/2022)*			
7405-AC-SGA-1	Successful grant application dr hab. Ireneusz Grulkowski, prof. UMK dr hab. Michał Wojciechowski, prof. UMK	Tutorial	10	1
7405-AC-ADAS-1	Applied data analysis and statistics dr hab. Agnieszka Piernik, prof. UMK	Tutorial	20	2
7405-AC-SM-1	Scientific Methodology (lab work) tutorial with a supervisor	Tutorial	30	3
7405-AC-SDPC1-1	Scientific data presentation and copyright I tutorial with a supervisor	Tutorial	10	1
Module II	(even years ex. 2020/2021, 2022/2023)*			
7405-AC-AI-2	Artificial intelligence and the future of scientific thinking prof. dr hab. Włodzisław Duch	Lecture	10	1
7405-AC-EIP-2	Ethics and intellectual property dr hab. Radosław Sojak, prof. UMK	Lecture	10	1
7405-AC-HST-2	History of scientific thinking and inquiry dr hab. Piotr Oliński, prof. UMK	Lecture	10	1
7405-AC-EB-2	Evolutionary biology prof. dr hab. Werner Ulrich	Lecture	10	1
7405-AC-SDPC2-2	Scientific data presentation and copyright II tutorial with a supervisor	Tutorial	10	1
	Sum of obligatory lectures		120	12
	Facultative lectures**			
	Monographs of visiting lecturers	Lecture		
	International summer schools	Lecture		
	International conference attendance	Lecture		
	Facultative external practices**			
	External scientific practice and training	Tutorial		

	Certified internship (> 1 month)	Tutorial		
	Sum of facultative lectures		180	18
	Total		300	30

The framework is in accordance with the 2nd part of the Polish qualification framework - level 8.

*[*The courses in each Module can be completed in consecutive years of your 4 year PhD studies.*

*** All facultative lectures and external practices must to be provided as part of self-selected activities:*

- *monographs,*
- *summer schools,*
- *international conferences,*
- *scientific exchange, workshops, trainings, certified courses.*

All activities have to be proved by e.g. certificate or letter authorised by trainer].

Obligatory lectures and tutorials are repeated every two years.

Each specialized monograph counts for 2 contact hours and is rewarded by 1/5 ECTS point.

Summer schools are tutorials of at least 5 contact hours and are rewarded by at least ½ ECTS point

International conference attendance will be rewarded by 1 ECTS point equivalent to 10 hours of lecture.

Each week external scientific practice and training will be rewarded by 2 ECTS points.

Each week of international internships will be rewarded by 4 ECTS points.

Certified courses within international internships might compensate for an equivalent obligatory lecture.