

FACULTY OF MATHEMATICS AND COMPUTER SCIENCE, N.COPRNICUS UNIVERSITY, TORUŃ, POLAND

**List of courses in English offered by the Faculty in the academic year 2021/2022
to students of Nicolaus Copernicus University and students of the Erasmus+ program**

Course	Course code in the USOS system	Lecturer	Semester	Form of classes	Way of conducting classes	Number of hours	Number of ECTS	Minimal number of students	Maximal number of students	Language
Algorithms and programming in Python	1000-OG-EN-APP	dr A. Kwiatkowska	winter	lecture	virtual	30	3	4	15	English
Algorithms and programming in Python	1000-OG-EN-APP	dr A. Kwiatkowska mgr D. Kurpiewski	winter	laboratory	physical	30	3	4	15	English
Development of Mathematical Theories	1000-OG-EN-DMT	prof. dr hab. D.Simson	winter	lecture	physical	30	3	4	30	English
Evolution of Random Networks	1000-OG-EN-ERN	prof. dr hab. A. Jakubowski	summer	lecture	physical	30	3	4	30	English
Elementary Mathematics of Decision Making	1000-OG-EN-EMDM	dr K. Leśniak	summer	lecture	physical	30	3	4	12	English
Elementary Mathematics of Decision Making	1000-OG-EN-EMDM	dr K. Leśniak	summer	exercises	mixed	30	3	4	12	English
Security of IT systems	1000-OG-EN-SITS	dr K. Zając	summer	lecture	physical	30	3	4	15	English
Security of IT systems	1000-OG-EN-SITS	dr M. Gąsiorek	summer	laboratory	physical	30	3	4	15	English

Lecture and exercises / laboratory of the same title belong to the same course and should be carried out jointly

Mathematical block

Course	Course code in the USOS system	Lecturer	Semester	Form of classes	Way of conducting classes	Number of hours	Number of ECTS	Minimal number of students	Maximal number of students	Language
Development of Mathematical Theories	1000-OG-EN-DMT	prof. dr hab. D.Simson	winter	lecture	physical	30	3	4	30	English
Evolution of Random Networks	1000-OG-EN-ERN	prof. dr hab. A. Jakubowski	summer	lecture	physical	30	3	4	30	English
Elementary Mathematics of Decision Making	1000-OG-EN-EMDM	dr K. Leśniak	summer	lecture	physical	30	3	4	12	English
Elementary Mathematics of Decision Making	1000-OG-EN-EMDM	dr K. Leśniak	summer	exercises	mixed	30	3	4	12	English

Computer science block

Algorithms and programming in Python	1000-OG-EN-APP	dr A. Kwiatkowska	winter	lecture	virtual	30	3	4	15	English
Algorithms and programming in Python	1000-OG-EN-APP	dr A. Kwiatkowska mgr D. Kurpiewski	winter	laboratory	physical	30	3	4	15	English
Security of IT systems	1000-OG-EN-SITS	dr K. Zając	summer	lecture	physical	30	3	4	15	English
Security of IT systems	1000-OG-EN-SITS	dr M. Gąsiorek	summer	laboratory	physical	30	3	4	15	English