

Faculty of Applied Mathematics - 2018/2019

| Available this semester | Subject | Field of Study | Tutor | Programme | Term | ECTS | Tuition hour/week | | | | | room | link to syllabus |
|-------------------------|---|------------------|---------------------------------------|-----------|------|------|-------------------|---------|------------|---------|---------|---|---|
| | | | | | | | lecture | classes | laboratory | project | seminar | | |
| y | Foundations and applications of the optimization methods | Computer Science | dr hab. inż. Edyta Hetmaniok | BSc | 5 | 4 | 2 | 1 | 1 | | | Thursday 8:30-10:00 room 426 LB (lecture), (even or odd week) 10:15-11:45 room 309 MS (laboratory), (even week) 12:00-13:30 room 315 LB (class) | http://ms.polsl.pl/kartyprzedm/ang_2018-19/inf_1_5_16_Foundations_and_applications_of_optimization_methods.pdf |
| y | Principles and applications of mathematical modeling | Computer Science | prof. dr hab. Wladimir Mituszew | BSc | 5 | 4 | 2 | | 2 | | | Thursday (odd week) 8:30-11:45 room 310 LB (lecture); Tuesday 14:30-16:00 room 308 MS or Thursday 13:45-15:15 room 309 MS (laboratory) | http://ms.polsl.pl/kartyprzedm/ang_2018-19/inf_1_5_16_Principles_and_applications_of_mathematical_modeling.pdf |
| y | Introduction to algebraic dynamics | Mathematics | prof. Bogdana Olynyk | MSc | 3 | 4 | 2 | 2 | | | | Wednesday 13:45-15:15 room 310 LB (lecture), 15:30-17:00 room 310 LB MS (class) | http://ms.polsl.pl/kartyprzedm/ang_2018-19/mat_II_3_17_Introduction_to_algebraic_dynamics.pdf |
| y | Algorithms and paradigms for pattern recognition | Mathematics | prof. Giacomo Capizzi | MSc | 3 | 4 | 2 | | 2 | | | Wednesday 13:45-15:45 room 426 MS (lecture), 16:00-19:00 room 308 MS (laboratory) [until December] | http://ms.polsl.pl/kartyprzedm/ang_2018-19/mat_II_3_17_Algorithms_and_paradigms_for_pattern_recognition.pdf |
| y | Selected topics in algebra | Mathematics | prof. dr hab. Olga Macedońska | MSc | 3 | 3 | | | | | 2 | Tuesday 10:15-11:45 room 208A MS (seminar) | http://ms.polsl.pl/kartyprzedm/ang_2018-19/mat_II_3_17_Seminar_Selected_topic_in_algebra.pdf |
| y | Principles and applications of mathematical modeling | Mathematics | prof. dr hab. Wladimir Mituszew | MSc | 3 | 3 | | | | | 2 | Thursday (odd week) 13:45-17:00 room 409 MS (seminar) | http://ms.polsl.pl/kartyprzedm/ang_2018-19/mat_II_3_17_Seminar_Principles_and_applications_of_mathematical_modeling.pdf |
| n | Introduction to performance evaluation of internet and computer systems | Computer Science | prof. dr hab. inż. Tadeusz Czachórski | BSc | 6 | 4 | 2 | 2 | | | | | http://ms.polsl.pl/kartyprzedm/ang_2018-19/inf_1_6_16_Introduction_to_performance_evaluation_of_internet_and_computer_systems.pdf |
| n | Introduction to queueing theory | Computer Science | dr hab. inż. Wojciech Kempa | BSc | 6 | 4 | 2 | 2 | | | | | http://ms.polsl.pl/kartyprzedm/ang_2018-19/inf_1_6_16_Introduction_to_queueing_theory.pdf |
| n | Foundations and applications of the optimization methods | Mathematics | dr hab. inż. Edyta Hetmaniok | BSc | 4 | 5 | 2 | 2 | | | | | http://ms.polsl.pl/kartyprzedm/ang_2018-19/mat_I_4_17_Foundations_and_applications_of_optimization_methods.pdf |
| n | Vectors, Tensors and Fields | Mathematics | dr hab. Edward Kwaśniewicz | BSc | 4 | 5 | 2 | 2 | | | | | http://ms.polsl.pl/kartyprzedm/ang_2018-19/mat_I_4_17_Vectors_tensors_fields.pdf |
| n | Inverse problems | Mathematics | dr inż. Iwona Nowak | BSc | 4 | 5 | 2 | 2 | | | | | http://ms.polsl.pl/kartyprzedm/ang_2018-19/mat_I_4_17_Inverse_problems.pdf |
| n | Introduction to modules and category theory | Mathematics | dr Paweł Gładki | BSc | 4 | 5 | 2 | 2 | | | | | http://ms.polsl.pl/kartyprzedm/ang_2018-19/mat_I_4_17_Introduction_to_modules_and_category_theory.pdf |