

MATHEMATICAL STATISTICS

2021/2022

RULES

1. Attending lectures (Thursdays, 16:45, room B at the Faculty or changed to the form of ZOOM videoconferences – depending on the Rector's and Dean's regulations) is expected. Materials are provided on the course page wne.uw.edu.pl/ajanicka/mathematical-statistics/ and links will be provided on the course page on the moodle platform. Those who do not attend the lecture should go through the materials on their own before classes. Some topics will be covered by the lecture only and will not be practiced during classes.
2. Links and materials for the tutorials, apart from sets of problems to solve during classes, are provided by the class tutors. Participation in classes is mandatory, a student may have at most two unjustified absences during the semester. In case of force majeure or technical obstacles which may not be overcome and which prevent in-person or live participation in classes, the student is required to contact the teacher and determine an alternative way of participation in classes (before classes or immediately when the obstacles occur). If the student exceeds the limit of unjustified absences, does not establish alternative participation rules or does not abide by the established rules, he/she fails the subject (fails classes and does not have the right to take the exam neither in the first nor in the second term).
3. The class grade is based on the sum of points obtained from:
 - two tests (30 points each, 60 points in total);
 - 10 moodle activities (2 points each, 20 points in total);
 - class activity (20 points).
4. The tests will be held during classes on April 20 and June 15. The tests will require providing solutions to problems.
5. Moodle assignments will be posted on the moodle course webpage and should be completed until the date specified. A student will receive 2 pts for each correctly completed activity (the number of attempts is indefinite, the highest result counts), 1 point for an incorrectly completed activity and 0 points for an activity which hasn't been completed.
6. The class teacher will divide the students from each class into subgroups and will assign problems to solve to each subgroup before each class. Each subgroup is required to jointly prepare and present the solution to their problems during classes. Not preparing a presentation of the solution or not presenting it leads to a zero mark for the specific activity for each subgroup member. The presentation scores influence the activity score.
7. The tests may be corrected (before the second term of the exam). Class activity can't be corrected. Moodle activities may not be corrected after their respective deadlines.
8. The class grade will be based on the sum of points from all the tests and moodle activity and class activity. In order to obtain a positive class grade, a total of at least 50 points must be obtained. In order to participate in the final exam, a student must have a positive grade from classes.
9. The final exam will consist of 8 problems, worth 2 points each. The exam grade = (the number of points obtained from the exam)/3 (i.e., the exam result is a rational number from the range [0, 5.33]).
10. The final grade for the course is calculated from the formula: $\frac{1}{3} \times \text{class grade} + \frac{2}{3} \times \text{exam grade}$, and rounded to the standard scale: 2, 3, 3.5, 4, 4.5, 5, 5! using the following thresholds:
3 – [2.5; 3.25), 3.5 – [3.25; 3.75), 4 – [3.75; 4.25), 4.5 – [4.25; 4.7), 5 – [4.7; 5], 5! – more than 5.
11. The exam covers material from both the lectures and classes. The material needn't be discussed in both. The exact range will be specified at the end of the semester.
12. Students who repeat the course must repeat classes.
13. Suggested readings:
 - lecture notes (to be distributed online throughout the course on the course webpage, www.wne.uw.edu.pl/ajanicka/mathematical-statistics/);
 - Wackerly, D., Mendenhall, W., & Scheaffer, R. (2007). Mathematical statistics with applications. Cengage Learning. (available in the Faculty library and online)
14. In case of changes of the Rector's or Dean's regulations, the form of the course may change to online. In such a case, the form of tests and the final exam may be changed (to online or oral) and the lecture and tutorials may take the form of videoconferences. All other elements of the course rules remain unchanged.