

Statistics (II year of study, IIIrd Semester)

Credit value (ECTS) 5

Course category

Domain (Imposed)

Course holder:

PhD. Lecturer Dan Donosa

Discipline objectives (course and practical works)

The course aims to make students acquire knowledge on appropriation processing methods and data analysis; building habits of understanding of the processes involved; knowledge of statistical significance; how the results can be interpreted. By assimilating this knowledge, students will be able to possess a real practical tool, applicable in many areas. Aiming at practical implementation of the concepts necessary to prepare future managers. They will understand how to plan a statistical investigation. Upon completing the course will be able to plan and analyze any process with finite statistical data.

Contents (syllabus)

Course (chapters/subchapters)
The subject, history and importance of the subject
Fundamentals of statistics. Systematic and presenting data. relative sizes
Average size
The dispersion. asymmetry
Selective research (survey)
Regression and correlation
Time series

Practical works
Systematization and presentation of statistical data. relative size
Average size
The dispersion. asymmetry
Selective research (survey)
Regression
Correlation
Time series
Final colloquium of knowledge evaluation

Bibliography

1. *Biji Elena s.a. – Statistica teoretica si economica*, E.D.P., Bucuresti, 1991.
2. *Baron T. s.a. – Statistica teoretica si economica*, A.S.E., Bucuresti, 1988.
3. *Jaba E., Atudorei V. – Statistica*. Ed. Graphix Iasi, 1993.
4. *Tarca M. – Statistica*, vol. I si II, Univ. "Al.I. Cuza", Iasi, 1979.

Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Exam	Oral examination	60%
Appreciation of the activity during the semester	Oral assessment during the semester, verification tests and final laboratory colloquium.	40%

Contact

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