



## FIȘA DISCIPLINEI

## 1. Date despre program

1.1 Instituția de învățământ superior	Universitatea “Alexandru Ioan Cuza” din Iași
1.2 Facultatea	Facultatea de Economie și Administrarea Afacerilor
1.3 Departamentul	Management, Marketing și Administrarea Afacerilor
1.4 Domeniul de studii	Business Administration
1.5 Ciclul de studii	Licență
1.6 Programul de studii / Calificarea	Business Administration

## 2. Date despre disciplină

2.1 Denumirea disciplinei	Bazele statisticii						
2.2 Titularul activităților de curs	prof. dr. Laura Asandului						
2.3 Titularul activităților de seminar	prof. dr. Laura Asandului						
2.4 Anul de studiu	1	2.5 Semestrul	2	2.6 Tipul de evaluare	E	2.7 Regimul disciplinei	OB

## 3. Timpul total estimat (ore pe semestru și activitățile didactice)

3.1 Număr de ore pe săptămână	4	din care: 3.2 curs	2	3.3 seminar/laborator	2
3.4 Total ore din planul de învățământ	56	din care: 3.5 curs	28	3.6 seminar/laborator	28

## Distribuția fondului de timp

Studiul după manual, suport de curs, bibliografie și altele	30
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren	20
Pregătire seminarii/laboratoare, teme, referate, portofolii și eseuri	12
Tutoriat	2
Examinări	5
Alte activități	0

3.7 Total ore studiu individual	69
3.8 Total ore pe semestru	125
3.9 Numărul de credite	5

## 4. Precondiții (acolo unde este cazul)

4.1 De curriculum	Not necessary
4.2 De competențe	Excel

## 5. Condiții (acolo unde este cazul)

5.1 De desfășurare a cursului	Videoprojector, Internet
5.2 De desfășurare a seminarului/laboratorului	Computers, Videoprojector, Internet

## 6. Competențe specifice acumulate

<b>Competențe profesionale</b>	C1 – Using adequate statistical concepts, methods, techniques, and tools (1 credit) C3 – Collecting, processing and analyzing statistical data (3 credit) C6 – Managing the statistical activities within the structure of the firm/organization (1 credit)
<b>Competențe transversale</b>	CT3 – Identifying opportunities for lifelong learning and efficient use of learning resources and techniques for their own development (1 credit)

## 7. Obiectivele disciplinei (reieșind din grila competențelor specifice acumulate)

<b>7.1 Obiectivul general</b>	Students will be able to analyze relevant data using computer-based technology and apply the results to make business decisions concerning the specific question or problem
<b>7.2 Obiectivele specifice</b>	1. Understand and use the basic notions in the field. 2. Understand, identify and use statistical methods and techniques.

## 8. Conținuturi

### 8.1 Curs

- Data and Statistics
- Descriptive Statistics
- Introduction to Probability
- Probability Distributions
- Inferences based on a single sample (Estimation)
- Inferences based on a single sample (Hypothesis testing)
- Inferences based on two samples (Estimation)
- Inferences based on two samples (Hypothesis testing)

### Bibliografie

#### **Compulsory reading:**

1. McClave J., Benson G., Sincich T., *Statistics for Business & Economics*, Pearson Education International, 2008 (MC)

#### **Optional reading:**

2. Richard N. Landers, *Step-by-Step Introduction to Statistics for Business*, 2014, Sage Publications Ltd. (RL)
3. David R. Anderson , Dennis J. Sweeney , Thomas A. Williams , *Statistics for Business and Economics*, 2007
4. Mark L Berenson , David M. Levine , Timothy C. Krehbiel , *Basic Business Statistics (11th Edition)*, 2008
5. Linda Herkenhoff, John Fogli, *Applied Statistics for Business and Management using Microsoft Excel*, 2013, Springer
6. Gerald Keller, *Statistics for Management and Economics*, 2014, Edition: 10<sup>th</sup>, Cengage Learning
7. David S. Moore , George P. McCabe , William M. Duckworth , Layth Alwan , *The Practice of Business Statistics*, 2008
8. Robert Stine, Dean Foster, *Statistics for Business: Decision Making and Analysis (2nd Edition)*, 2012, Pearson

### 8.2 Seminar / Laborator

Collecting data
Descriptive Statistics
Introduction to Probability
Probability Distributions
Inferences based on a single sample (Estimation)
Inferences based on a single sample (Hypothesis testing)
Inferences based on two samples (Estimation)
Inferences based on two samples (Hypothesis testing)

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  - Mark L Berenson , David M. Levine , Timothy C. Krehbiel , *Basic Business Statistics* (11th Edition), 2008
  - Linda Herkenhoff, John Fogli, *Applied Statistics for Business and Management using Microsoft Excel*, 2013, Springer
  - Gerald Keller, *Statistics for Management and Economics*, 2014, Edition: 10<sup>th</sup>, Cengage Learning
  - David S. Moore , George P. McCabe , William M. Duckworth , Layth Alwan , *The Practice of Business Statistics*, 2008
  - Robert Stine, Dean Foster, *Statistics for Business: Decision Making and Analysis (2nd Edition)*, 2012, Pearson

## 9. Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunității, asociațiilor profesionale și angajatori reprezentativi din domeniul aferent programului

## 10. Evaluare

Intermediate exam - 40%

Final exam - 40%

Quizzes, Exercises solved in class - 20%

### 10.6 Standard minim de performanță

Obtaining a minimum of 4 points (out of 10) at Intermediate exam.

Obtaining a minimum of 4 points (out of 10) at Final exam

Obtaining an average of 5 points (out of 10).

#### Data completării

29.09.2020



#### Titular curs

prof. dr. Laura Asandului

#### Titular de seminar

prof. dr. Laura Asandului

#### Data avizării în Departament

29.09.2020

#### Director de Departament



Prof.univ.dr Valentin Niță

