

| General Information   |   |
|-----------------------|---|
| Academic subject      | Statistics in the communication processes |
| Degree course         | Sciences of communication                 |
| Curriculum            |   |
| ECTS credits          | 9   |
| Compulsory attendance | No  |
| Language              | Italiano                                  |

| Subject teacher | Name Surname | Mail address   | SSD       |
|-----------------|--------------|--|-----------|
|                 | Fabio Manca  | <a href="mailto:fabio.manca@uniba.it">fabio.manca@uniba.it</a> | SECS-S/01 |

| ECTS credits details      |                          |           |   |
|---------------------------|--------------------------|-----------|---|
| Basic teaching activities | Metodological statistics | SECS-S/01 | 9 |

| Class schedule |                    |
|----------------|--------------------|
| Period         | Semestre II        |
| Year           | 2022 - 2023        |
| Type of class  | Lecture- workshops |

| Time management          |            |
|--------------------------|------------|
| Hours measured           | 60 minutes |
| In-class study hours     | 60         |
| Out-of-class study hours | 110        |

| Academic calendar |  |
|-------------------|--|
| Class begins      |  |
| Class ends        |  |

| Syllabus   |   |
|--|---|
| Prerequisite requirements                                    |   |
| Expected learning outcomes (according to Dublin Descriptors) | The aim of the course is to provide students with the essential knowledge of statistical methods in the field of communication processes.   |
| Contents   | <ul style="list-style-type: none"> <li>◆ • Introduction to statistics;</li> <li>◆ • The detection and classification of data;</li> <li>◆ • The various types of statistical tables;</li> <li>◆ • The graphical representations;</li> <li>◆ • The averages;</li> <li>◆ • The variability, measures of dispersion and inequality;</li> <li>◆ • The normal curve;</li> <li>◆ • General concepts on the relations between internal components of statistical variables;</li> <li>◆ • Analysis of interdependence;</li> <li>◆ • Analysis of the dependence;</li> <li>◆ • Analysis of univariate, bivariate and multivariate analysis.</li> <li>◆ Inference.</li> </ul> |
| Course program   |   |
| Bibliography   | Professor slides.   |

|                     |   |
|---------------------|---|
|                     | <p>G. GIRONE, R. PACE, <i>Statistica descrittiva</i>, Cacucci editore Bari, 2015.</p> <p>S. DE IACO, S. MAGGIO, M. PALMA, D.POSA, <i>Esercizi di statistica descrittiva</i>, G. Giappichelli Editore, 2006.</p> <p>P. PERCHINUNNO, V.C. DE NICOLÒ', <i>Esercizi di statistica</i>, Cleup, 2010.</p> <p>F. BORAZZO, <i>Analisi dei dati con Excel</i>, Apogeo, 2008.</p> |
| Notes               |   |
| Teaching methods    |   |
| Assessment methods  |   |
| Further information |   |