

FACULTY OF **ECONOMICS**

DEGREE COURSE: **BUSINESS AND ECONOMICS BA**

SUBJECT: ELEMENTS OF STATISTICS

LECTURER: RAOUL COCCARDA

Email address: raoul.coccarda@uniecampus.it

OBJECTIVES

This course introduces students to:

- the descriptive and inferential statistical analysis of economic, social and environmental phenomena in situations of risk and uncertainty;
- the theory and calculation of probabilities;
- the usage of the inferential model for decision making in order to allow the identification of critical points and to be able to offer adequate solutions to the problems of economic agents in situations of risk and uncertainty
- the usage of the inferential model for the correct evaluation of a choice especially in economic and business banking, finance, insurance and marketing.

.

CONTENTS

1. Descriptive statistics
2. Theory and probability calculation
3. Inferential statistics

ASSESSMENT

Written exam: multiple choice and open questions

RECOMMENDED TEXTBOOKS

- Abramovich F. and Y. Ritov, "Statistical Theory: A Concise Introduction", 2013, Chapman and Hall/CRC, □ISBN 9781439851845

