Denominazione del corso in inglese	Introduction to Psychometrics A
Nome docente	Silvia Testa
CFU	6
Bibliografia per studenti <mark>erasmusincoming</mark>	The course will deal with the following topics: - **S**ummarizing data (mean, median, and mode; range, variance, and standard deviation; frequency distributions; types of variables: categorical, ordinal, interval and ratio scale) - **P**robability and statistical inference (assiomatic probability definition, conditional probability, independence, samples and populations, random sample; parameter estimates, sampling distributions, standard error of an estimate, inference for a single variable) - **I**nference for two variables (strength, direction and shape of relationship, comparing two means by t-test and z-test, chi-squared test, correlation). Any textbook covering all the topics listed above, such as: Richard A. Zeller, Edward G. Carmines. *Statistical analysis of social data*, Chicago: Rand McNally College Pub. Co., 1978, available in the Faculty Library (BibliotecaKiesow)
Modalità d'esame per gli <mark>studenti erasmusincoming</mark>	Oral examination on both theoretical and applicative aspect covered by the course program.