Visiting Professor Program
Academic year 2022/2023

TEACHING COMMITMENT: 20 hours

COURSE TITLE
Statistical Inference

TEACHING PERIOD
2nd term

SCIENTIFIC AREA
Statistics

LANGUAGE USED TO TEACH
English

COURSE SUMMARY
The course aims at consolidating the student’s toolkit on statistical methods by means of an advanced treatment of these topics.

LEARNING OBJECTIVES
Ability to construct estimators, confidence intervals and hypothesis tests in common parametric statistical models.
Understanding of the theoretical properties of the derived statistical methods (in particular, in the asymptotic setting).
Knowledge of the Bayesian framework and ability to apply Bayesian methods in various inference problems.

TUTORSHIP ACTIVITIES
N/A

LAB ACTIVITIES
N/A
OTHER ACTIVITIES BESIDES THE COURSE
N/A

VISITING PROFESSOR PROFILE
The VP will be a highly qualified scholar, with a record of publications on international journals and doctoral studies in a prestigious institution, and with verifiable expertise in probability and statistics.

CONTACT PERSON AT THE DEPARTMENT
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