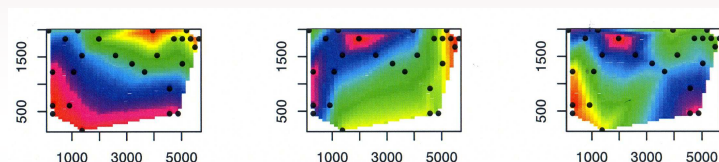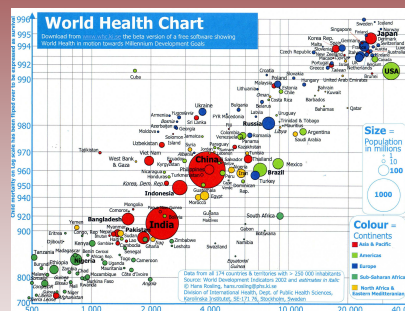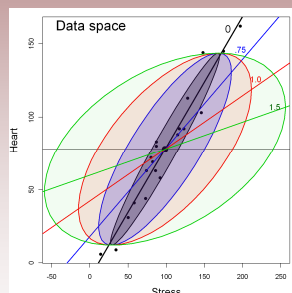# 统计科学博士学位课程

帕多瓦大学的统计科学博士学位是一门以研究为基础的，侧重于现代统计科学为主题的学科．本课程响应了目前社会各界对专业性很强的统计人员的需求，涵盖范围由政府部门，工商企业，到大学高校以及研究实验室．该项目，总而论之，为学者们提供了量身定制的，整合了强大的方法论基础与相关研究工作主题知识的培训计划．

本课程面向中国大陆地区申请者，由中国国家留学基金委提供奖学金，每年1个名额。此外，帕多瓦大学每年在标准选拔程序中提供的名额也向中国申请者开放。

- 第一年的预科课程预计有四门核心的必修课，包括高等数学和概率论，统计推论和统计建模．

- 一套专业模式也会在此激活，涵盖一些列就读学生广泛的个人研究兴趣的高级课题都会在考虑範圍内．

- 个人的研究项目会在第一年年底确定，作为第二和第三学年的开发研究目標．

- 本课程大力鼓励学生参加各项会议和科学活动．

中国申请者可从以下获得更多信息:
china.phd@unipd.it

Data space

World Health Chart

PHD COURSE IN STATISTICAL SCIENCES

UNIVERSITY OF PADOVA

DIPARTIMENTO DI SCIENZE STATISTICHE
VIA C. BATTISTI, 241
35121 PADOVA, ITALY

For further information visit:
http://dottorato.stat.unipd.it
General contact:
china.phd@unipd.it

UNIVERSITÀ DEGLI STUDI DI PADOVA

UNIVERSITA DEGLI STUDI DI PADOVA DIPARTIMENTO DI SCIENZE STATISTICHE

PhD Course in Statistical Sciences

The post-graduate Course in in Statistical Sciences at the Department of Statistical Sciences, University of Padova, offers a highly competitive PhD Programme.
Scholarships are provided by:
– The Italian Ministry of Education, University and Research (MIUR)
– The University of Padova
– The Cariparo Foundation
– Private Companies
– China Scholarship Council (CSC)

Every academic year, the School, together with the China Scholarship Council (CSC), offers 1 (one) scholarship to a candidate from the People's Republic of China.
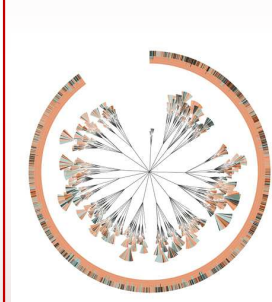Additional openings are available for candidates from the PRC through standard annual selection procedures, held by the University of Padova.

Info for applicants from the People's Republic of China:
china.phd@unipd.it

Statistical Sciences at the University of Padova

STATISTICAL SCIENCES AT UNIPD

The post-graduate Course in Statistical Sciences at the Department of Statistical Sciences, University of Padova, offers a highly competitive PhD Programme in Statistical Sciences. The programme, culminating in a thesis, provides scholars with a tailored training program that integrates strong methodological bases with knowledge of specific topics relevant to the research work.

The programme foresees a learning and training period. In the first year of studies, coursework based on individual activities as well as on more informal relationships like study groups, interactions with faculty members, attendance to specific lectures, and other continued learning is provided .

During the second and third year, research activity represents the distinctive character of the PhD Programme and it is aimed at achieving independent research abilities. The Department's varied range of interests and expertise creates a challenging intellectual environment that encourages scholars to fulfil their individual research interests. The Course enjoys a network of collaborations with Italian and foreign universities.
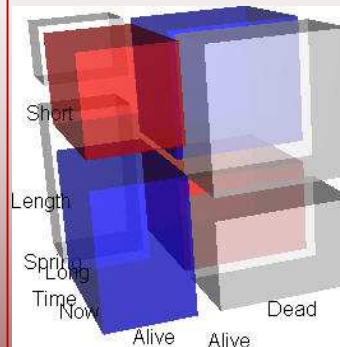
STATISTICS RESEARCH TOPICS

Statistical Methodology and its applications. Methodological aspects range from statistical models to inference and computational issues; applications in technology.

Statistical Methods and Applications in Biosciences. Applications may concern a variety of fields such as biology, molecular biology, medicine, environmental studies, etc.

Statistical methods and applications in Economics. Time series analysis, forecasting, statistical methods for labour economics and evaluation of public policies.

Social Statistics. Survey methodology, models for individual ad aggregated data, segmentation techniques, multilevel models.

Demography. Population structure and dynamics, statistical analysis of demographic behaviours and policies.

STATISTICS COURSE-UNITS

⇒ Functional Analysis

⇒ Probability Theory

⇒ Theory and Methods of Inference

⇒ Bayesian Inference

⇒ Nonparametric Smoothing Techniques

⇒ Generalized Linear Mixed Models

⇒ Time Series Analysis

⇒ Applied Multivariate Techniques

⇒ Analysis of Survival Data

⇒ Introduction to Robust Statistics

⇒ Spatial Statistics

⇒ Sampling Theory