

a.y. 2014-2015
Tor Vergata University of Rome
Degree course in Medicine and Surgery

Course in Medical Statistics

Part of the integrated course in Physics and
Statistics

Lecturer: dr. Simona Iacobelli

Preliminary
Info

Information

Contacts

- Office hours
 - Time: Please make an appointment
 - Place: Room 99 Building H ("Fisica Medica")
- E-mail: simona.iacobelli@uniroma2.it
- Course material, communications etc: web page
MEDSTAT in "didatticaweb"
<http://www.uniroma2.it/didattica/MEDSTAT>
- Students' initiative: under evaluation

Information

Course material

<http://www.uniroma2.it/didattica/MEDSTAT>

- Slides of the lectures (in one pdf)
- Booklet of formulas and tables
 - To be used during lectures to exercise and at the exam
- Exercises (with solutions) as complementary lectures' material
 - 3 Parts: descriptive statistics, probability, inference
 - Useful to complement the slides, not necessarily "exercises exam-like"
- Exercises (with solutions; in one pdf for all topics)
- Questions "exam-like"

Further material could be distributed during the semester

Information

Suggested textbooks

- An introduction to medical statistics, by M Bland, Oxford Medical Publications
 - Nice book to understand better the concepts and relationships between topics
- Medical statistics at a glance, by A Petrie & C Sabin, Ed. Wiley-Blackwell
 - Shorter text, 1-2 pages per topic
 - More topics than the course – useful for future needs in statistics

Information

Lectures

- Please regularly verify the schedule!
- Preliminary schedule:

Monday 03/11	h 09-11	Monday 01/12	h 09-11
Wednesday 05/11	h 11-14	Wednesday 03/12	h 11-14

- It is suggested to bring your copy of the **slides**, **exercises** and **booklet of formulas** at the lectures
- Please bring also a **calculator** for exercises (a simple one with exponentiation and squared root function suffices)

Information

Exam

- The final assessment is a written exam. It consists of 5 open questions (exercises, notions) to be answered in 1 hour.
 - The Student can use the booklet of formulas and tables provided by the teacher, and a simple calculator. NO other material can be used!!
- In order to pass the integrated course Students must get a score ≥ 18 .
- The registration is done when both Physics and Statistics are passed; the final score is obtained as a weighted average
 - $(2 \times \text{Physics} + 1 \times \text{Statistics}) / 3$.
- Students getting a score = 16 or 17 can make a oral exam to increase to fully sufficient score.
- Students unsatisfied with their score ≥ 18 can ask to make a oral exam or repeat the exam; be aware the previous score is not valid after the new exam is taken.
- The will of having a oral exam or repeating the written test when score ≥ 18 must be communicated to the teacher within 1 day from the publication of the scores (by e-mail or in person).
- The oral exams are done in very short term after the written test.