Basic Course in Statistics

Time
May 2013. The group meets on Tuesdays and Wednesdays at 14.00-18.00 on the following dates: 14.5., 15.5., 21.5., 22.5., 28.5. and 29.5.

Place
Kontinkangas Campus, University of Oulu.

Lectures each day at 14-16 (open to everyone):
14.5. in University of Oulu Hospital Lecture Hall 3 (OYS, Entry B2)
15.5. in 116B (Medical Campus Main Building)
21., 22., 28. and 29.5. in F101 (Dept of Physiology)

Computer exercises: each day after the lectures at 16-18 in computer classroom KT285, Aapistie 5 B (to selected students only)

Credits
2.0 ECTS credits – Approved as a part of general postgraduate studies; 24 hours of contact teaching and an assignment

Organizer
Biocenter Oulu Doctoral Programme

Teacher
Pentti Nieminen, Senior Lecturer in Medical Informatics and Statistics

Language
English

Participants
Max 16 students

Registration
By May 7, 2013, by email to BCO-DP coordinator Ritva Saastamoinen, ritva.saastamoinen(at)oulu.fi, indicating your name, Department and Principal Supervisor.

This course introduces commonly used statistical methods. The intent is to provide an understanding of statistical techniques and guidance on the appropriate use of methods for bioscience and biomedicine students who have little or no prior experience in statistics. The course helps students to solve problems encountered in research projects, to make decisions based on data in general settings, and to become critical readers of statistical analyses in research papers. IBM SPSS Statistics and OriginPro software are used to apply statistical methodology to practical problems.