Biomedical statistics

Lecture 1. Fundamentals of probability theory. Introduction to statistics.
Lecture 2. Descriptive and inferential statistics.
Lecture 3. Analysis of variance, correlation, regression, and classification.

Practical work 1. Fundamentals of probability theory. Introduction to statistics.
Practical work 2. Descriptive statistics
Practical work 3. Hypothesis testing for two samples (independent samples)
Practical work 4. Hypothesis testing for two samples (dependent samples)
Practical work 5. Analysis of variance
Practical work 6. Correlation and regression analysis
Practical work 7. Analysis of categorical data.
Practical work 8. Survival curve analysis. ROC curve analysis. Classification. ROC Curve analysis
Practical work 9. Control test