



Course in Biostatistics

3 CFU

(Organized by Dario Antonini, Dept. of Biology UNINA)

Day 1 (4h)	Introduction to Methodological Statistics and Experimental Design. The Use of Statistical Tests in Research and Choosing an Appropriate Statistical Test: Parametric <i>versus</i> Non Parametric Testing Procedures <i>Roberta Siciliano</i>
Day 2 (4h)	Two Independent Samples Design: Parametric vs Non Parametric Testing Procedures <i>Roberta Siciliano</i>
Day 3 (4h)	Two Paired Samples Design: Parametric vs Non Parametric Testing Procedures <i>Giuseppe Pandolfo</i>
Day 4 (4h)	Three or More Independent Samples Design: ANOVA vs Distribution Free Procedures <i>Carmela Iorio</i>
Day 5 (4h)	Repeated Measurements Design: ANOVA vs Distribution Free Procedures <i>Giuseppe Pandolfo</i>
Day 6 (2h)	Logistic Regression and Survival Analysis <i>Carmela Iorio</i>
Day 7 (2h)	Bivariate Analysis: Regression, Correlation and Association Testing Procedures <i>Roberta Siciliano</i>