



**Tishk**  
International University

Faculty of Applied Science  
**Medical Analysis Department**

## Course Descriptions



Description of Bio-Statistics Course The application of statistical principles to questions and problems in medicine, public health, or biology is known as biostatistics. Biostatistics is made up of several processes, including hypothesis creation, data collecting, and statistical analysis. The Bio-Statistics course is related to all majors such as Economics, Biology, Medical Analysis, Engineering, Finance, Business, Accounting, and so on. Furthermore, this course can decide in the sample that have been collected from the population and it is one of the important course for the researchers during their work in their thesis or dissertation. There are variant important tests that students must learn in this course before they go to the next stages such as A. Understanding types of data, and appropriate statistical tools for their analysis. B. Describing data using tables, graphs, or numbers. C. Testing hypothesis in different datasets D. Writing a report depending on the results E. Using statistics for generalizations and decision making. F. Evaluate statistical conclusions based on experimental design.

**MA 209 / BIOSTATISTICS**