Quantitative Reasoning II: Statistics

Faculty	Course Type	Credits	Prerequisites	Semester
Ms. Suchismita Ray	Core	4	None	Any

Brief Overview

Statistics is a tool that is required in undertaking research projects in most social and natural sciences. This course will introduce students to the basics of statistics and the different statistical tools that can be used in problem solving.

Course Objectives

- Strengthen fundamental knowledge and understanding of the principles and nature of statistics.
- Provide a formal quantitative approach to problem solving
- Develop the skills to select, apply and use a wide variety of statistical and quantitative techniques in other areas of knowledge and in the real-world context.
- Develop logical , critical and creative thinking, and patience and persistence in problem-solving

Teaching Methodology

The course will involve white board / presentation teaching by the professor (one-to-many approach). The students will also conduct primary surveys and learn to apply the tools of statistics in solving the problems.

Requirements

Students are expected to –

- Complete all required reading for each scheduled class as per the course outline,
- Actively participate in class activities and discussions, and
- Complete all evaluative processes for successful course completion!