



# UNIVERSITY OF THE PHILIPPINES SCHOOL OF ECONOMICS

New Course Offering: 2nd Semester AY 2013-2014

## ECONOMICS 198: GAME THEORY

### Course Background:

Game Theory studies the strategic character of rational agents. It explains why cooperation or conflict may arise among decision makers and why at times sub-optimal choices can end up becoming a stable equilibrium.

### Course Description:

In this course, the concept of Nash equilibrium, along with its refinements, will be discussed to track down the different forms of interactive decision problem. Some game-theoretic tools such as backward induction and Bayesian rationality will be introduced to explain the intuition behind some real-life situations in the fields of social science.

**Number of Units:** Three (3) units

**Prerequisites:** Econ 101, 102/ COI

### INSTRUCTOR:



**Dr. Romeo Balanquit** is an Assistant Professor at UPSE. His research interests include repeated games, contract theory, and auction theory. He obtained his PhD in Economics from Jawaharlal Nehru University, New Delhi