

### **GST311 - History and Philosophy of Science (2 Units)**

The focus of this course shall be in the discipline of science, which at present, is held in high esteem as the greatest agent of development in the 21<sup>st</sup> century. This course is a survey of the philosophical foundation of science. Major topical issues in Philosophy of science will be treated. It will begin with a brief account of the the role of metaphysics in scientific explanation, and determinism in the sciences. The student shall therefore be expected to, among other things, examine the main areas of philosophy; the meaning and characteristics of science, explanations in science, its objectives, methods, laws and theories with the view to justifying or debunking the superiority that has been accorded to the discipline of science over other discipline, that is where this becomes necessary. The course will also treat the philosophical thoughts of thinkers like Karl Popper, Copernicus, Newton and Fereyarband.