

## **Systems Thinking and Sustainability**

Course code: SUSD 3160

Total contact hours: 48 hours

Pre-requisite: None

### **Course Overview**

This course provides students with an introduction to systems thinking within the context of sustainable development and specifically causal feedback loops and the need for a change of perspectives in a globalized, post-pandemic world facing climate change.

It examines systems thinking theory in a fun and dynamic manner with practical examples taken from everyday life to gain a greater understanding of systems dynamics.

Students will learn to discover, understand and appreciate the systems of which we are part, how we function (or don't) within them as individuals and as a society, and hone our skills so our involvement in systems dynamics – whether at the personal, international or global levels – can contribute to more positive outcomes over time.

The 17 Sustainable Development Goals (SDG) included in the 2030 Agenda for Sustainable Development adopted in 2015 at the 70th Session of the United Nations General Assembly provide the backdrop to the course.