## SBE9303 PHD DISSERTATION

**CU: 48**

**Credit Hours**

**Course Description**

The research project provides the student with experience in the planning and execution of a research at doctoral level. Students design the research with specified aims and objectives in specialized areas of Engineering. This incorporates a review of relevant literature, data capture, analysis and output of results, applying appropriate methods. Results are communicated by oral and written means. This is for students under Plan A.

**Objectives/Aim**

This Course aims to develop student’s skills to develop high quality research questions, design research projects, collect data using various sources, and present findings in a scientific way. The aim is also to develop high quality scholarly research works and presentation skills.

**Course Outline**

Each student will be required to plan an investigation and analyse, collate and present the findings in a Thesis/Dissertation according to the University Guidelines. This will involve the hypotheis inductive method of research, survey and interviewing techniques, questionnaire design etc. the research topic will be chosen in the context of the individual’s present or future employment intentions or areas of special interest. Various topics are expected to be covered by participants depending on their area of special interest and specialization.

**Learning Outcomes**

The course will equip the student with

* Ability to carry out independent research
* Writing and disseminating research findings.

**Method of Teaching/Delivery**

The student interacts with the supervisor(s) and Doctoral Committee on a regular basis to obtain guidance on the research. The student on his own to produce the work.

**Assessment Method**

The rules of assessment of research reports for Graduate students at Makerere University will apply. The Thesis/Dissertation will be examined by both Internal and External examiners. A viva Voce, , marked out of 100%, is an integral component of the examination process.

**Reading/ Reference Materials**

Varied depending on the topic.