**HRT 2301 Horticultural Industries Internship**

**Lecturers** Dr. Mildred Ochwo-Ssemakula BSc. (MUK); MSc. (MUK); PhD (MUK)

Dr. Robinah Namirembe-Ssonko

**Course type: CORE (BSc. Horticulture II)**

1. **COURSE STRUCTURE**

**Course Credits (CU): 5 CU**

**Course Duration: 10 weeks (75 contact hours) i.e. 150 PH**

**Course description**

This is a supervised, career-oriented experience where a student is attached to an approved horticulture-related institution within the public or private sector of Uganda. These institutions include farms specializing in the production of select horticultural commodities such as cut-flowers and spices; and institutes within the National Agricultural Research System. The student is expected to apply the theoretical knowledge acquired in years I and II as well as learn skills in various aspects of crop production, horticultural enterprise management and research.

1. **COURSE OBJECTIVES**

**General objective / aim**: Empower students by encouraging the creativity and developing the practical skills necessary to meet the dynamic needs of the local and global Horticultural Industry

**Specific objectives**

* Provide a practical setting for the application of theoretical knowledge and acquisition of skills in horticultural crop production
* Provide a foundation for agricultural research
* Facilitate career guidance by exposing students to the operations of horticulture-related institutions

1. **RECOMMENDED REFERENCES FOR READING**

* Mead, R. Curnow, R.N. and Hasted, A.M. 1993. Statistical Methods in Agriculture and Experimental Biology. Second edition, Chapman and Hall.
* Brown L. 2002. Applied Principles of Horticultural Science. Elsevier Publishers. Second Edition. ISBN: 0750653426
* Rice L W and Rice R P. 2010. Practical Horticulture. Seventh Edition. 480pages. Prentice Hall. ISBN-10: 0135038669, ISBN-13: 978-0135038666
* On-line Publications of the EUREPGAP (Euro-Retailer Produce Working Group Good Agricultural Practices) (Link: <http://www.eurepgap.org/Languages/English/about.html>) and GLOBAL G.A.P (Link: <http://www.globalgap.org/cms/front_content.php?idcat=9>)

1. **COURSE CONTENT, METHODS OF INSTRUCTION, TOOLS AND EQUIPMENT REQUIRED**

The internship constitutes ten or more weeks of planned supervised practical experience. Prior to this internship the student, with guidance from an academic advisor, develops a study program outlining the procedures and expectations of the internship. During the period of the internship, the student submits periodic progress reports as may be required by the academic advisor. The student is also expected to complete all assignments as required by the Enterprise Director and the Faculty of Agriculture. At the end of the internship, the student shall submit a report on the experience in the form designated by the Faculty. The academic advisor conducts an on-site evaluation of the student’s activities during the course of the internship. This internship may provide the student with an opportunity to conduct research that contributes to his/her year III research project described in the course HRT 2302. Since the Enterprise of attachment varies with student, the methods of instruction, tools and equipment required will also vary. However, the student is expected to work under an on-site supervisor who ensures that he/she is afforded adequate exposure to practical experiences.

**5. SUMMARY OF TIME NEEDED**

Preparatory lectures in year I and II 30 – 45 contact hrs for each course

Continuous assessment (academic advisor) variable

Field-based practicals variable

**6. OVERALL COURSE EVALUATION**

On-site evaluation (20%)

Written report (80%)