

## **8th Semester Courses**

### **PBG 402 Internship/ Study Project 5(5-0)**

#### **Objectives**

To enable students to understand:

Importance of planning and conducting research project

Data collection, analysing and interpretation

Logical presentation of results

#### **Practical**

Students will be required to undertake internship at various agricultural research organizations, private companies, extension/adaptive farms and private farms **or**

undertake a research project at university fields/laboratories aimed at their practical training. Upon completion of internship/research project, students are required to submit a report and give presentation of internship/research experiment.

#### **Books recommended**

1. Khalil, S. K. and P. Shah. 2007. Scientific Writing and Presentation. Higher Education Commission, Islamabad, Pakistan.

**PBG 404 Seminar 1(1-0)**

**PBG 406 Capstone Project 3(3-0)**

#### **Course Introduction**

A capstone course based on interactions with plant science professionals and student-led class discussions. Students will apply their knowledge and experience to practical issues in the discipline, further develop critical thinking ability, and enhance their communication, teamwork, and professional skills.

The course includes a research project carried out in a chosen area of interest in plant science. A list of potential projects will be supplied at the start of semester. In addition, there are weekly interactive seminars given by different academics in a variety of plant science topics.

#### **Objectives**

On the completion of the course, the students will:

1. Critically evaluate plant science research and issues in plant science.
2. Distinguish high quality plant science research.
3. Understand how to apply research findings e.g., to plant improvement and environmental sustainability.
4. Deliver an international quality research presentation.
5. Prepare an independent research report.

