Department of Entomology
Faculty of Agricultural Sciences
University of the Punjab, Lahore
Course Outline

ENT-418	Field Experience / Internship	3(0-3)

The main objective of this course is to give students practical exposure in the field. Students will be assigned individual research assignments and they will learn how to independently execute and finalized a research project and how to collect, analyze and present data of the research experiments. This course is an undergraduate course for B.Sc. (Hons.) classes. This course aims to provide concepts about conduction research project and writing report. Moreover, students are allowed in this course to be attached with research institutions in order to give them practical exposure in their fields. At the end of course, each student is required to write a comprehensive research/internship report.

Contents

1 Designing and Carrying out independent research project
2 Preparing synopsis of research project
3 Conducting field and/or laboratory experiments
4 Reading and presentation of research articles
5 Recording of scientific data using different data collection methods
6 Arranging of data for analysis
7 Learning data analysis tools
8 Analysis of scientific data using statistical packages
9 Describing the analyzed results
10 Writing a scientific report
11 Presentation of scientific project

Recommended Texts

1. Ghani, M.A. & M. Ashfaq (Edit). (1987).*A Resume of Post-Graduate Research, 1929-1985*. Faisalabad: Department of Entomology, University of Agriculture, Faisalabad.
2. Gilbert, I. & Himalton, C.J. (1983). *Entomology: A Guide of Information Sources*. London: Mansell Publishing Co. Ltd.
3. Ghafoor, A. (2016). *Manual for synopsis and thesis preparation*. Faisalabad, University of Agriculture Press.

Suggested Readings

1. Quinn, G.P. &Michael, J.K. (2002). *Experimental Design and Data Analysis for Biology*. London: Cambridge University Press.

Review of recent and relevant literature and reseach articles