



▶ SHORT COURSE ON INSECT AND SPIDER TAXONOMY

JUNE 24 - JULY 5, 2019

DE LA SALLE UNIVERSITY LAGUNA CAMPUS

ABSTRACT

This two-week summer course will address the identification and classification of insects and spiders of medical and agricultural importance, as well diversity in natural ecosystem. The course will cover the recognition of insects and spiders orders and the identification of specimens to family level using different types of keys and resources. A number of specific topics will be explored including: morphological and biological characteristics of the major insect and spider orders; life histories of selected pest and beneficial species, sociality, sound production methods and functions, feeding mechanisms, adaptations and biology of vertebrate ectoparasites, insects as disease vectors of plants and animals, mimicry and defensive adaptations and parasitism. The practical component will examine collecting techniques, identification of adult insects to family level, identification of immature stages and feeding damage. A requirement of the course is the presentation of a well-curated insect collection of the students' interest.

DESCRIPTION OF THE INSECT AND SPIDER REFERENCE COLLECTION AT DLSU LAGUNA CAMPUS

The Insect and Spider Reference collection in Laguna Campus is situated in room 204 West at the Milagros Building. This Reference Collection is one of the flagship projects of the Biological Control Research Unit (BCRU). Type species of recorded new species of insects spiders collected and described by BCRU research team are deposited in this reference collection. The room is equipped for curating insect and spider collection. Collection by the graduate students of Biology who took Advanced Entomology and Advanced Insect Ecology; and, collection from the research of thesis students and research staff under the Biological Control Research Unit are all curated in this reference collection. These courses are also being conducted in the Laguna campus. The laboratory part of these courses is conducted in the secondary forest of the campus, where the students have first-hand experience in insect and spider collection. Currently, there is a total of 336 insect specimens already curated under 9 insect orders and many more specimens to be curated. Spider collections total is over 1000 specimens with 8 recorded new species collected from the secondary forest of the campus.

REGISTRATION FEE

Registration fee is PHP 15,000.

Interested participants should register at this link: <https://goo.gl/forms/OS3g985MgnrhtjX2>