

Organic Analysis

Chemistry Unit 4

This program will introduce students to the principles and applications of organic chemistry and structural analysis. Students will complete an analysis by collecting data from the ^1H NMR and IR instruments and simulated data from the remaining instruments:

Mass Spectroscopy

Identifying the molecular ion, interpreting and examining fragments.

^1H and ^{13}C NMR

Collecting ^1H data and determining carbon and proton environments.

IR Spectroscopy

Using the instrument to analyse samples, and identifying bonds and functional groups

Collecting and collating data and identifying structures

Analysing the instrumental data and determining structures

DETAILS

\$35 per student (including GST).

7 – 8 and 10 – 18 June 2021, 9:00 – 12:00 or 1:00 – 4:00 (*note that the GAT will be 9 June*)

University of Melbourne, Parkville Campus

We will provide lab coats and safety glasses. Those attending a session are required to wear closed toe shoes that cover the top of the feet.

We may be required to change this program if COVID-19 restrictions apply at the time.

Bookings and Further Information:

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