

# Organic Analysis

## Chemistry Unit 4

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This program will introduce students to the principles and applications of organic chemistry and structural analysis.

Students will complete an analysis by combining data from each of the following instruments:

### ***Mass Spectroscopy***

identifying the molecular ion, interpreting data and examining fragments

### ***$^1\text{H}$ and $^{13}\text{C}$ NMR***

Determining carbon and proton environments

### ***IR Spectroscopy***

Identifying bonds and functional groups

### ***Collecting and collating data and identifying structures***

Analysing the instrumental data and determining structures

### ***DETAILS***

\$33 per student (including GST).

11 – 22 June 2019, 9:00 – 12:00 or 1:00 – 4:00

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.

### ***Bookings and Further Information:***

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