

# Bachelor of Food Science and Technology

Course Code: 4702

Total credit points required: 144 Points (24 units)

~ JULY INTAKE ~

THIS OUTLINE IS A GUIDE ONLY. THE COMPLETE COURSE REQUIREMENTS ARE SPECIFIED IN THE UNIVERSITY HANDBOOK

| YEAR | SEMESTER 1   | SEMESTER 2   | SUMMER SEMESTER  |
|------|--|--|--|
| 1    |  | <b>BIO1011</b><br>Biology I  |  |
|      |  | <b>CHM1051</b><br>Chemistry I advanced   |  |
|      |  | <b>BTH1802</b><br>Fundamentals of biotechnology                                |  |
|      |  | <b>SCI1020*</b> Introduction to statistical reasoning<br>or<br><b>Elective</b> |  |
| 1/2  | <b>BIO1022</b><br>Biology II   | <b>CHM2922</b><br>Spectroscopy and analytical chemistry                        |  |
|      | <b>CHM1052</b><br>Chemistry II advanced<br><i>(General Studies – U3 APPROVED)</i>        | <b>CHM2962</b><br>Food chemistry   |  |
|      | <b>FST1800</b><br>Fundamentals of Food Science<br><i>(General Studies – U2 APPROVED)</i> | <b>FST2810</b><br>Food bioprocess technology                                   |  |
|      | <b>STA1010*</b> Statistical methods for science<br>or<br><b>Elective</b>                 | <b>STA2216</b><br>Data analysis for Science                                    |  |
| 2/3  | <b>BTH2741</b><br>Biochemistry   | <b>FST3810</b><br>Human nutrition  | <b>FST3800</b> <i>(General Studies – U4 APPROVED)</i><br>Food science internship |
|      | <b>BTH2830</b><br>Fundamentals of microbiology<br><i>(General Studies – U2 APPROVED)</i> | <b>FST3830</b><br>Functional foods   |  |
|      | <b>SCI2010</b><br>Scientific practice and communication                                  | <b>FST3840</b><br>Food processing  |  |
|      | <b>Elective</b>  | <b>FST3850</b><br>Food product development                                     |  |
| 3    | <b>BTH3711</b><br>Food and industrial microbiology                                       |  |  |
|      | <b>FST3820</b><br>Food preservation  |  |  |
|      | <b>SCI3716</b><br>Laboratory and Workplace Management                                    |  |  |

## IMPORTANT NOTE:

1) Students must pass the General Studies units under each cluster (U1, U2, U3 & U4) in order to graduate.

2) No more than 60 points of level one units overall. The faculty reserves the right to alter the unit offering without prior notice.

\* Students need to complete either STA1010 or SCI1020. SCI1020 is for students without a strong mathematics background, while STA1010 requires students to have studied VCE Mathematical Methods Units 3 & 4 (or equivalent).

|           |  |               |  |
|-----------|--|---------------|--|
| Name      |  | Date          |  |
| Monash ID |  | Counselled by |  |
| Remarks   |  |               |  |
|           |  |               |  |