### 3.4.2.3 Second Major in Food Science

Host Department: Chemistry; Food Science and Technology Programme

To be awarded a B.Sc. with a Second Major in Food Science, candidates must satisfy the following:

<table>
<thead>
<tr>
<th>MODULE LEVEL</th>
<th>SECOND MAJOR REQUIREMENTS</th>
<th>CUMULATIVE MAJOR MCS</th>
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</table>
| Level 1000 (16 MCs) | Pass  
FST1101 Science and Technology of Foods  
CM1501 Organic Chemistry for Engineers  
CM1191 Experiments in Chemistry 1  
LSM1106 Molecular Cell Biology | 16 MCs |
| Level 2000 (16 MCs) | Pass  
FST2102B Chemistry of Food Components  
FST2108 Food Safety Assurance  
FST2201 Introduction to Human Nutrition  
LSM2211 Metabolism and Regulation | 32 MCs |
| Level 3000 (16 MCs) | Pass  
FST3106 Sensory and Flavour Science  
FST3202 Nutrition and Disease Prevention  
Any two of the following:  
CM3242 Instrumental Analysis II  
CM3201 Principles of Chemical Processes  
CM3291 Advanced Experiments in Inorganic and Organic Chemistry  
CM3292 Advanced Experiments in Analytical and Physical Chemistry | 48 MCs |

*Note: A precluding module to CM1501 (e.g. CM1121 and CM1401) may be used to fulfil the second major requirements in lieu of CM1501.*

This second major is *not* offered with the primary major in Food Science and Technology.