Overview

This is a laboratory based course introducing dairy, meat, fish, fruit, vegetables, beverages, eggs, sugars, cereals and lipids as food commodities. The need for preservation is demonstrated as physical, chemical and biological deterioration factors and water relationships. Technologies covered are heating, chilling, freezing, drying, brining, pickling, sugar, packaging (MAP and CAP), chemical preservatives and novel methods.

This is extended to structured inspections (field trip) of a variety of food processing establishments including food companies, production areas and food research institutes and stations within Sydney, NSW and interstate. The aim is to strengthen student understanding of the structure, practical operation and management of the local food industry and to demonstrate how theoretical concepts in food science and technology are applied in a commercial situation. The important linkage between the technical aspects of food production and commercial requirements of food companies will be explained. The field trip will take place prior to the start of the semester and both components of the course (field trip + laboratory) have to be completed as part of the course.
Faculty
Faculty of Engineering

School
School of Chemical Engineering

Study Level
Undergraduate

Offering Terms
Term 1

Campus
Kensington

Delivery Mode
Fully on-site

Indicative contact hours
5

Timetable
Visit timetable website for details
Conditions for Enrolment

Pre-Requisites: FOOD1120, FOOD2320, CHEM2921 Co-requisite: FOOD3010
Exclusion Courses

FOOD5400  |  6 UOC
Industry Liaison
Course Outline

To access course outline, please visit:

FOOD3020 Course Outline
Fees

**Commonwealth Supported Students** $1191  
**Domestic Students** $5970  
**International Students** $5970

DISCLAIMER
Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the fee website.

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179