

# Laboratory Sciences

- > Hands-on laboratory techniques
- > Latest industry-standard equipment
- > Product development and sensory testing facilities
- > Food microbiology and food analysis, and instrumentation laboratory
- > A two gold-star rating by the industry in food processing

## Career facts



### Employment increases

Employment for medical technicians to 2020 is expected to grow very strongly



### Salary expectations

Average annual salary is above \$56,000.



### Full-time work

The majority of science technicians work full-time

Industry facts sourced from Job Outlook, Australian Government Department of Employment; [joboutlook.gov.au](http://joboutlook.gov.au)

## Short courses

- Beer-tasting Techniques
- DNA Techniques
- Food Microbiology for Food Safety Auditors
- Food Safety Auditing
- GC (Gas Chromatography) Fundamentals
- Histological Techniques/ Fundamentals
- HPLC (High Performance Liquid Chromatography) Fundamentals
- The Science Behind Baking
- The Science Behind Wine/Beer Making
- WHS in a Brewery

## Degree pathways

Credit from your diploma or advanced diploma may count towards a related degree (including those offered by providers listed here). Always see [sydneytafe.edu.au/tafetouni](http://sydneytafe.edu.au/tafetouni) for the latest details.

University of Newcastle  
University of Western Sydney

## Career path

### Laboratory Sciences

**Laboratory Skills Introduction to Forensics**  
TVET course  
Counts towards Certificate III

## Certificate III

**Food Processing S&S**  
FDF30111  
(Course focuses on *Micro-brewing*)  
Career options: Brewer, operator, laboratory aide/technician

**Laboratory Skills S&S**  
MSL30116  
Career options: Advanced food processing operator

**Pathology Collection S&S**  
HLT37215  
Career options: Specimen collection officer, laboratory aide, pathology collector/assistant

**Pathology Assistance S&S**  
HLT37415  
Career options: Specimen collection officer, laboratory aide, pathology assistant

## Certificate IV

**Laboratory Techniques S&S**  
MSL40116  
Career options: Laboratory attendant/technician

**Food Science and Technology**  
FDF40311  
Career options: Food science technician, food and HACCP technician, food processing technician/attendant, food safety auditor

## Diploma

**Laboratory Technology S&S**  
MSL50116  
(Course focuses on *Food Testing*)  
Career options: Food analysis technician, food technologist, food testing technician, quality assurance technician, HACCP/food safety technician

**Laboratory Technology S&S**  
MSL50116  
(Course focuses on *Biological and Environmental Testing*)  
Career options: Biological or environmental testing technician, earth science technician, field assistant

**Laboratory Technology S&S**  
MSL50116  
(Course focuses on *Pathology Testing*)  
Career options: Medical laboratory officer, pathology technician