

# COURSE SUMMARY

## Practical in Food Microbiology

*...bridge to a better product*

### INTRODUCTION

Food microbiology is the study of the microorganisms that inhabit, create or contaminate food. By attending the course, delegates will gain 'hands-on' experience in a wide range of microbiological procedures essential to the assurance of food safety. They will acquire the skill and knowledge required to perform microbiological analysis from practical exercises undertaken within UNIQE's fully equipped laboratories led by highly skilled staff.

### OBJECTIVES

- 🍷 Identify the important pathogens and spoilage microorganisms in foods and the conditions under which they will grow
- 🍷 Utilize laboratory techniques to identify microorganisms in foods
- 🍷 Identify the conditions under which the important pathogens are commonly inactivated, killed or made harmless in foods

### LEARNING OUTCOMES

On completion of this course, participants will be able to:

- 🍷 Identify foods as microbial ecosystems
- 🍷 Recognize important microorganisms affecting food quality and safety
- 🍷 Understand factors affecting life and death of microorganisms in foods
- 🍷 Identify laboratory methods used to identify and analyzing food microorganism
- 🍷 Acquire skills needed in food microbiology laboratory to enumerate, isolate and identify microorganisms relevant to food quality and safety

### TARGET PARTICIPANTS

- 🍷 Microbiology lab Technician
- 🍷 Food Safety officers
- 🍷 QA Personnel



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## COURSE LEVEL

Intermediate

## COURSE DURATION

3 Days

## COURSE FEE

RM 1,378 (inclusive 6% GST)

**HRDF CLAIMABLE**

## COURSE CONTENT

- 🔥 Introduction and Understanding of Food Microbiology
- 🔥 Method of Detection and Enumeration of Microorganisms
- 🔥 Microbial Reduction and Elimination
- 🔥 Good Laboratory Practices
- 🔥 Practical session in laboratory



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