

A decorative border surrounds the central text area. It features various food items like carrots, strawberries, and tomatoes, as well as scientific symbols like triangles and circles, some with halftone patterns.

NUTRITION AND FOOD SCIENCE

6073 (N level)

Aim of subject

1. Lead a healthier lifestyle proactively through proper diet and nutrition
2. Advocate sustainable food consumption by planning and making appropriate food choices
3. Apply principles of culinary science creatively in food preparation and cooking.

Subject details



ASSESSMENT

Paper 1 (40%)

Written Exam

1.5 hrs

Paper 2 (60%)

Coursework

25hrs



NO. OF CHAPTERS

16 chapters

- Nutrients in foods
- Diet and diet problems
- Meal planning and analysis
- Convenience foods
- Food safety and preparation
- Methods of cooking
- Sensory evaluation

ADVANCEMENT (NITEC) Higher NITEC



Entry to ITE

Aggregate based on 4 subjects
(according to course requirement)

Related courses:

- Applied Food Science
- Pastry & Baking
- Western Culinary Arts
- Asian Culinary Arts
- Chemical Process Technology

ADVANCEMENT POLY



- Food Science and Technology;
- Biotechnology;
- Biomedical Science;
- Culinary Science;
- Pharmaceutical Science;
- Chemical Engineering etc.



The background of the slide is a light yellow color, decorated with a border of various food and microorganism illustrations. These include carrots, tomatoes, mushrooms, and various shapes of bacteria and fungi, some with halftone patterns. The text is centered on a white rectangular background.

LOOKING FORWARD.. GOOD CAREER OPPORTUNITIES FOR INNOVATION

“30 by 30 vision” (The Green Plan)

To position Singapore as a comprehensive
Research and Development hub for alternative
proteins such as plant-based proteins, microbial
proteins and cultured meat.

Eating insects: These 20-year-old S'porean students created protein bars made out of crickets

Zafrah Salim • June 10, 2021



Insect protein bars:
Republic Polytechnic graduates from biotechnology course

Plant-based cheese:
Collaboration between STI and food industry



Collaboration with Industry Partners

Our recent collaboration with food and agrocommodities multinational, Agrocrops, culminated in Herbivore, a plant-based cheese, which is now sold in Fairprice Finest outlets and other food online platforms.

POSSIBLE CAREER CHOICES



Givaudan



Food Scientist

Food Technologist

Fragrance creator

Nutritional therapist

Quality manager

Regulatory affairs officer

Procurement manager

and many more..



Agency for
Science, Technology
and Research



A decorative border surrounds the central text area, featuring various food items and geometric shapes. At the top left are two carrots. To the right are strawberries and a lemon. On the right side, there is a cross-section of a watermelon and a green leaf. At the bottom right is a red apple. Along the bottom edge are cherries, a blue circular pattern, and another cross-section of a watermelon. Small geometric shapes like triangles and circles are scattered throughout the border.

WHY SHOULD I CHOOSE TO STUDY FOOD AND NUTRITION?

1. Have a deep interest in Nutrition and Health
2. Keen to explore a career path in Life Sciences (Food Innovation), Nutrition and Health
3. Enjoys aspects of experimenting and solving problems in relation to food science and nutrition