

## Higher Diploma in Food Science and Safety 食品科學及安全高級文憑

Application code 報名編號: HDFSSY

Successful completion of this programme leads to an award within  
 The University of Hong Kong system through HKU SPACE  
 學生成功修畢課程，均按香港大學體制，經香港大學專業進修學院頒授副學位

**SSSDP** Programme  
 課程

### Programme Aims & Features 課程目標及特點

- Explain the fundamentals of sciences and its application in food processing and human health;
- Apply the scientific principles of nutrition, food science and food processing to analyse the safety aspects of raw materials and food products;
- Work in the laboratory effectively to identify the major microorganism and substances in food and implement food safety control measures by conducting appropriate inspection, sanitation and documentation practices;
- Apply the knowledge of nutrition, food science, food processing and safety regulations to develop a functional food product.
- 理解科學基本原理及其在食品加工和人體健康中的應用；
- 應用營養學、食品科學和食品加工的科學原理，分析原材料和食品的安全性；
- 懂得在實驗室中識別食品中的主要微生物和物質，以及實施食品安全控制措施，包括進行適當的檢驗程序、衛生管理和文件記錄；
- 運用營養學、食品科學、食品加工和安全法規的知識，開發功能性食品。

### Specialism Courses 專業主修科目

#### Year 1 一年級

- Basic Engineering Mathematics 基礎工程數學
- Fundamentals of Nutrition 營養學基礎
- Fundamentals of Food Science 食品科學基礎
- Human Physiology and Anatomy 人體生理學與解剖學
- Cell and Molecular Biology 細胞與分子生物學
- General Chemistry for Biological Sciences 生物科普通化學
- Physics for Food Science 食品科學物理學

#### Year 2 二年級

- Laboratory Skills in Food Science 食品科學實驗與技術
- Food Commodities and Processing 食品商品與加工
- Basic Biochemistry 基礎生物化學
- Food Chemistry and Analysis 食品化學與分析
- Food Safety and Management 食品安全與管理
- Food Microbiology 食品微生物學
- Functional Foods and Nutritional Products 功能食品與營養產品

### Opportunities for Further Studies 升學前景

Graduates are eligible to apply for admission to Bachelor's degree programmes offered by local universities:  
 畢業生可申請報讀由本地大學開辦的課程：

#### The University of Hong Kong

- Bachelor of Science
- Bachelor of Science (Major in Food and Nutritional Science) (Senior Year Entry)

#### Hong Kong University of Science and Technology

- BSc Biotechnology

#### The Chinese University of Hong Kong

- Bachelor of Science
- BSc Biochemistry
- BSc Molecular Biotechnology
- BSc Natural Sciences

#### The Hong Kong Polytechnic University

- BSc (Hons) Analytical Sciences for Testing and Certification
- BSc (Hons) Applied Biology with Biotechnology
- BSc (Hons) Food Safety and Technology (Senior Year Entry)
- BSc (Hons) Scheme in Food Science and Nutrition

### Contact Us 聯絡我們



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