



# HKUSPACE

香港大學專業進修學院  
HKU School of Professional and Continuing Education

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## DIPLOMA IN LABORATORY SCIENCE

### 實驗室科學文憑

Program Code: HS029A

Application Code: 1950-HS029A

☎: 2975 5683

✉: [jessica.hung@hkuspace.hku.hk](mailto:jessica.hung@hkuspace.hku.hk)

🌐: <http://hkuspace.hku.hk/prog/dip-in-laboratory-science>



QF Level: 3

QR Registration No.: 15/00095/L3

QR Registration Validity Period: 26 Jan 2015 – on-going

### PROGRAMME HIGHLIGHTS

- a 2-year *part-time* training diploma programme specially designed for those wishing to take an initiative towards working in the laboratory and to acquire sound knowledge and primary skills on laboratory science.
- structured for students to develop and correlate basic academic knowledge in human anatomy & physiology, applied immunology, biochemistry & molecular genetics in medical laboratory tests.
- designed to develop students for technical competence and skills required to work in a testing laboratory under supervision.

### PROGRAMME STRUCTURE

The programme consists of *four* modules, providing a total of 221 hours of directed teaching. Students are required to complete 4 taught modules within the period of two calendar years. The four modules cover the topics essential to the laboratory science services.

#### Module 1: Introduction of Laboratory Science and Basic Laboratory Skills

This module is designed to provide students with working principles of general laboratory equipment and the concepts of laboratory safety.

#### Module 2: Fundamentals of Human Anatomy & Physiology, Biochemistry & Molecular Genetics, and Applied Immunology

This module provides students with the basic principles of biochemistry, molecular genetics, human anatomy, physiology, and applied immunology.

#### Module 3: Integrated Laboratory Science Studies

This module provides students with basic knowledge of the major disciplines of testing laboratory science, viz. Clinical Biochemistry, Hematology & Serology, Medical Microbiology, Histopathology & Cytology, Microbiological Testing for Food & Herbal Products, and Toxicology for Food & Herbal Products.

## Module 4: Laboratory Management and Quality Assurance

This module is designed to enhance student's understanding and awareness of the occupational health and safety legislation and for them to develop management, effective communication and quality assurance skills for the testing laboratory service.

### DELIVERY MODE

The programme is delivered in a part-time mode with face-to-face lectures and case-study tutorials. Emphasis will be on laboratory and technical aspects with demonstrations and hands-on laboratory practicals. Normally classes will be held on weekday evenings (Tuesday and/or Wednesday) from 6.30 pm to 9.30 pm.



### MEDIUM OF INSTRUCTION

English supplemented with Cantonese

### DURATION OF STUDY AND AWARD

Students can complete the programme in two calendar years. For each academic year, there are two semesters. Each teaching semester should consist of 16 teaching weeks, followed by 2 reading weeks and 1 examination week.

This Diploma in Laboratory Science will be awarded within the HKU system through HKU SPACE. To be eligible for the award, students have to complete and pass all modules and achieve a minimum attendance rate of 70%.

### ASSESSMENT

Assessment of modules is normally based on a combination of coursework and examination. Coursework can include written assignments, laboratory practical reports and seminar presentations. The pass mark for all assessments is 50.

### ARTICULATION / ADMISSION TO HIGHER LEVEL PROGRAMME

Graduates can apply for admission to the Higher Certificate in Medical Laboratory Science offered by HKU SPACE.

### COURSE COMMENCEMENT, TEACHING VENUE AND PROGRAMME STAFF

Tentatively the programme will commence **October 2021**. The lecture classes are held in HKU SPACE Learning Centre, and the practical classes are held in LKS Faculty of Medicine Building, The University of Hong Kong, Sassoon Road, Hong Kong.

The following HKU SPACE staff is responsible for the overall course administration.

Dr Michael Chau, BSc, PhD



## ADMISSION REQUIREMENTS

Applicants shall have attained

1. HKDSE Examination Level 2 or above in 5 subjects including English Language, Chinese Language and preferably Chemistry; or
2. HKCEE Grade E or above in 3 subjects (preferably one in Chemistry), and Level 2 in English Language and Chinese Language; or
3. HKALE Grade E in one AL subject (preferably Chemistry) or two AS subjects

Equivalent qualifications will be considered by the School.

Applicants who do not have the above academic qualifications but aged 21 or above with relevant experience may also be considered. An interview may be necessary in such cases.

### Note

- (a) Applicants are allowed to use not more than two Applied Learning (ApL) subjects in the application.
- (b) The recognition of the ApL subjects is as follows:
  - "Attained with distinction II" is deemed equivalent to Level 4;
  - "Attained with distinction" or "Attained with distinction I" is deemed equivalent to Level 3; and
  - "Attained" is deemed equivalent to Level 2.
- (c) With effect from 2007, HKU SPACE recognizes Grade E previously awarded for Chinese Language and English Language (Syllabus B), Grade C in the case of English Language (Syllabus A) at HKCEE as an acceptable alternative to Level 2 in these two subjects at HKCEE.

## TUITION FEES

Course fee (Year 1): HK\$27,000 (one single installment and subject to review)

Course fee (Year 2): HK\$27,000 (one single installment and subject to review)

## APPLICATION

Application forms are available:

**online** <http://hkuspace.hku.hk/prog/dip-in-laboratory-science>

**by e-mail** [jessica.hung@hkuspace.hku.hk](mailto:jessica.hung@hkuspace.hku.hk)

Applicant should submit:

- Duly completed application form;
- Photostat copies of the relevant certificates and transcripts; and
- An application fee (non-refundable) of **HK\$150** by crossed cheque (payable to "HKU SPACE")

All documents should be sent to:

**College of Life Sciences and Technology  
HKU SPACE  
13/F Fortress Tower  
250 King's Road  
North Point Hong Kong  
Attn: Ms Jessica Hung**

**PLEASE MAKE SURE TO PAY SUFFICIENT POSTAGE FOR ALL MAIL ITEMS**

**CLOSING DATE FOR APPLICATION: 29 May 2021**  
Applicants will be notified of the result by late-June