



# Bachelor of Science (Honours) in Medical Laboratory Science

## 醫療化驗科學(榮譽)理學士

The programme provides the foundation training for adopting a career in Medical Laboratory Science. The first year of study will mainly focus on **General Education and foundation scientific learning**. From the second year onwards, students will be taught the principles and practice of the 4 major specialties of Medical Laboratory Science: **Anatomical & Cellular Pathology, Chemical Pathology, Haematology & Transfusion Science, and Medical Microbiology & Virology**.

After successful completion of these courses, there will be a 12-week clinical practicum in the first semester of the fourth year, when students will receive practical training in public and / or private hospital medical laboratories.



### Programme Leader

## Professor Joseph Lee

PhD, The University of Hong Kong, Hong Kong  
Chartered Scientist and Chartered Chemist,  
United Kingdom

Fellow, National Academy of Clinical Biochemistry,  
United States of America

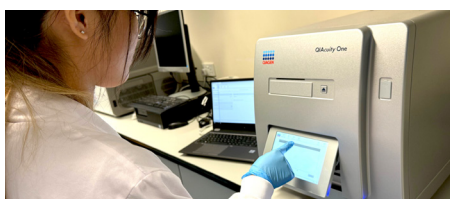
Fellow, Royal Society of Chemistry,  
United Kingdom

Registered Medical Laboratory Technologist  
(Part I), Hong Kong

<b>Medium of Instruction</b>	English
<b>Total No. of Credits</b>	135 credits
<b>Years of Study</b>	4 years
<b>JUPAS Catalogue No.</b>	JSST02



QF Level: 5  
QR registration no.: 17/000003/L5  
Validity period: 01/09/2017 to 31/08/2027



## Programme Information



[www.twc.edu.hk/mls](http://www.twc.edu.hk/mls)

## Programme Objectives

- To develop students' competence in medical testing with a wide knowledge base in the application of analytical science in medicine;
- To equip the students with critical and analytical thinking skills for solving complex clinical problems in laboratory medicine; and
- To prepare the students to be an effective and efficient healthcare practitioner for participation in contemporary clinical care paths.

## Professional Recognition

The programme is accredited by the Medical Laboratory Technologists Board of the Supplementary Medical Professions Council (SMPC). Graduates are qualified for registration as **Medical Laboratory Technologists “醫務化驗師” (Part II)**.

This statutory registration is a prerequisite for employment in local public and private health services.

## Career Prospects & Further Studies

- Graduates will mainly be employed by private and public medical laboratories, including those of the Department of Health, the Hospital Authority, private hospitals and clinics.
- Graduates may choose to pursue a career in business through employment as a technical specialist in local and overseas in vitro diagnostics firms.
- Graduates interested in pursuing further studies may choose to attend graduate school in local or overseas institutions for higher degrees (Master or Doctorate).

## Programme-Specific Requirements

- Applicants are expected to have studied Chemistry / Combined Science\* (including Chemistry) as one of their elective subjects. Preference will be given to applicants who have obtained Level 4 or above in HKDSE.
- Preference will be given to applicants who have obtained Level 4 or above in English Language in HKDSE. Candidates may be invited for an interview.
- It is expected that prospective students should possess other foundation scientific knowledge e.g. Biology in order to benefit from learning.
- Applicants should have normal colour vision, as this is normally required for employment in local medical laboratories.
- Applicants should be prepared to handle human samples, tissues and body fluids.

\* Obtained before 2024 HKDSE.

# Tuition Fee

Year	Tuition Fee (HK\$) (without subsidy)
Year 1	\$ 71,420
Year 2	\$ 71,420
Year 3	\$ 71,420
Year 4	\$ 71,420
Programme Total	\$ 285,680
Annual Average	\$ 71,420

\* Tung Wah College will adjust the tuition fee of its programmes based on the Composite Consumer Price Index to be announced by the Government annually.

\* The tuition fee for the programme under the Study Subsidy Scheme for Designated Professions/Sectors (SSSDP) is the net fee paid by a student after deduction of subsidy from the Government. In 2024/25 academic year, the annual subsidy under the SSSDP is \$79,770 for laboratory-based undergraduate programmes. The annual subsidy amount may vary in each academic year subject to the decision by the Education Bureau.

\* All fees paid are non-refundable and non-transferable.

# Students'/ Graduates' Sharing



## Michelle Chan

Graduate of Bachelor of Science (Honours) in Medical Laboratory Science (2017)

Now an Associate Medical Technologist at Prince of Wales Hospital

Laboratories in TWC are well equipped as those of hospitals. During clinical practicum, I developed practical clinical laboratory skills, time management and multi-tasking skills that a medical technologist should possess. Thanks to TWC that I am able to adapt quickly to work and develop my career.

# Admission Requirements

For Year 1 entry to degree programmes, applicants should meet one of the following requirements:

- Starting from 2024, the renamed Liberal Studies subject, which is now known as Citizenship and Social Development, of the Hong Kong Diploma of Secondary Education Examination (HKDSE) will be changed from being graded in five levels to being marked as "Attained" and "Not Attained". In this connection, the College has decided the general admission requirements for Bachelor's degree programmes (First Year Entry) will be adjusted as follows from 2024/25 Entry onwards:

HKDSE Subjects	Core Subjects				Elective Subject / Applied Learning
	Chinese Language (1)	English Language (2)	Mathematics (Compulsory Part)	Citizenship and Social Development (3)	Elective
General Entrance Requirements	Level 3	Level 3	Level 2	Attained	Level 2

- Have passes in AS Use of English and AS Chinese Language and Culture plus one AL subject/two AS subjects in HKALE and Level 2 for Chinese Language and English Language plus passes in three other subjects in HKCEE; OR
- Have obtained the International Baccalaureate (IB) Diploma with a minimum score of 24 and fulfilled the English language requirements:
  - English A: Language and Literature (Higher or Standard Level) – Grade 4; or
  - English A: Literature (Higher or Standard Level) – Grade 4; or
  - English B (Higher Level) – Grade 4; or
  - English B (Standard Level) – Grade 5; or
  - English Literature and Performance (Standard Level) – Grade 4; or
  - English Text and Performance (Standard Level) – Grade 4; OR
- Have met the 2nd cut-off line<sup>(4)</sup> of the respective province for admission to mainland key universities in the National Joint College Entrance Examination (JEE) and the scores of English Language is over 100 (普通高等學校聯合招生考試 (JEE, PRC) 達到所屬省市報讀第二批重點高校分數線<sup>(4)</sup> 以上及英語科達100分或以上); OR
- Have obtained equivalent qualifications (such as meeting the admission requirements of a degree programme offered outside Hong Kong).

- Notes**
- For non-Chinese-speaking learners, alternative Chinese Language qualifications will be accepted for students who have met the specified conditions: (a) students who have learned Chinese Language for less than 6 years while receiving primary and secondary education; (b) students who have learned Chinese Language for 6 years or more in schools, but have been taught an adapted and simpler Chinese Language curriculum not normally applicable to the majority of students in local schools. Apl Chinese (for non-Chinese speaking students) should, in general, be accepted as an alternative Chinese Language qualification, among other acceptable alternative Chinese Language qualifications.
  - Students with HKDSE English Language results at Level 3 or below are required to complete non-credit bearing English enhancement course(s) in the first year of study.
  - The past result of Liberal Studies (Level 2 or above) will be considered as "Attained" in Citizenship and Social Development. The results of both subjects would NOT be included in the admission score calculation starting from 2024/25 entry.
  - Or the "cut-off line for undergraduate studies" (for provinces and cities where the 1st and 2nd cut-off lines are combined) 或「本科批次」分數線 (適用於「本科一批」及「本科二批」合併為「本科批次」的省市)



## APPLICATION - admission through JUPAS

<https://www.jupas.edu.hk/en> (JUPAS Catalogue No.: JSST02)

## Contact Information



[www.twc.edu.hk](http://www.twc.edu.hk)



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