

# Medical Laboratory Science

## 醫療化驗科學(榮譽)理學士

This 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 practices of the four 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.



Medium of Instruction	English
Total No. of Credits	135 credits
Years of Study	4 years



QF Level 5

QR registration no. 17/000003/L5

Validity period 01/09/2017 to 31/08/2027



### Programme Objectives

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

### Professional Recognition

- This programme is accredited by the Medical Laboratory Technologists Board of the Supplementary Medical Profession 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 and Further Studies

- Graduates will mainly be employed by public or private medical laboratories, including the Hospital Authority, the Department of Health, private hospitals and clinics;
- Graduates may choose to pursue a career in business through employment as a technical specialist in local or 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.

## Graduate 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 a 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.



## Tuition Fee

Year	Tuition Fee (HK\$)
Year 1	72,910
Year 2	72,910
Year 3	72,910
Year 4	72,910
Programme Total	291,640

- 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.
- Tuition fees are normally charged by two instalments per annum and are payable before the commencement of each semester. New students are required to settle the balance of the tuition fee for the first semester (i.e. after deducting deposit) upon programme registration in August.
- Students are required to pay additional fees for all retake/additional courses which would be charged at the rate of the normal cohort and be calculated by the number of credits to be taken. Please refer the details in the College's Fees Regulation at [https://www.twc.edu.hk/en/Administration\\_Units/fo/our\\_service/student-area](https://www.twc.edu.hk/en/Administration_Units/fo/our_service/student-area).
- 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. For annual subsidy amounts, please refer to <https://www.cspe.edu.hk/en/sssdp/>.
- All fees paid are non-refundable and non-transferable.

## 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 <sup>(1)</sup>	English Language <sup>(2)</sup>	Mathematics (Compulsory Part)	Citizenship and Social Development <sup>(3)</sup>	Elective <sup>(4)</sup>
General Entrance Requirements	Level 3	Level 3	Level 2	Attained	Level 2

; OR

- 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>(5)</sup> of the respective province for admission to mainland key universities in the National College Entrance Examination (Gaokao) / Joint Entrance Examination for Universities in PRC (JEE, PRC) and the scores of English Language is over 100 (全國普通高等學校招生入學考試 (內地高考) / 港澳台僑聯招試達到所屬省市報讀第二批重點大校分數線<sup>(5)</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 (1) 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.

(2) 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.

(3) The past result of Liberal Studies (Level 2 or above) will be considered as "Attained" in Citizenship and Social Development.

(4) Level 2 in Mathematics Extended Part (Module 1 or Module 2) is also recognised as one of the five HKDSE subjects in fulfilling the minimum entrance requirement.

(5) 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)

## Contact Information

Tel: (852) 3190 6672 | Email: [applytwc@twc.edu.hk](mailto:applytwc@twc.edu.hk) | Website: [www.twc.edu.hk](http://www.twc.edu.hk)



twchkc



tungwahcollege



東華學院



Tung Wah College



東華學院

