

# Bachelor of Science (Honours) in

# Medical Laboratory Science

醫療化驗科學(榮譽)理學士



東華學院  
TUNG WAH COLLEGE



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, which students will receive practical training in public and/ or private hospital medical laboratories.

## 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

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.

## Programme Information



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

### 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>JUPAS Catalogue No.</b>	JSST02
<b>Years of Study</b>	4 years



資歷架構  
Qualifications  
Framework

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

## 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.

## Admission Requirements

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

- Have obtained Level 3 in Chinese Language and English Language<sup>^</sup> and Level 2 in Mathematics and Liberal Studies plus one Elective/Applied Learning Subject at Level 2 ("3322+2") in HKDSE; 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:
    - Grade 4 or better in the Higher Level English Language (B Syllabus); or
    - Grade 5 or better in the Standard Level English Language (B Syllabus); or
    - Grade 4 or better in the Higher or Standard Level English Language (A1 or A2 Syllabus); or
    - Grade 4 or better in the Standard Level English – Text and Performance; or
    - Grade 4 or better in the Standard Level English – Literature and Performance (A1 Syllabus); OR
  - Have obtained equivalent qualifications (such as meeting the admission requirements of a degree programme offered outside Hong Kong)
- <sup>^</sup> 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.



## Tuition Fee

Year	Tuition Fee (HK\$) (with subsidy)
Year 1	\$ 70,100
Year 2	\$ 70,100
Year 3	\$ 70,100
Year 4	\$ 70,100
<b>Programme Total</b>	<b>\$ 280,400</b>
<b>Annual Average</b>	<b>\$ 70,100</b>

\* 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 2023/24 academic year, the annual subsidy under the SSSDP is \$78,280 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.

▶ **APPLICATION - admission through JUPAS**  
<https://www.jupas.edu.hk/en>

JUPAS Catalogue No.: JSST02

### Contact Information



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