



香港學術及職業資歷評審局  
Hong Kong Council for Accreditation of  
Academic & Vocational Qualifications

**SUMMARY ACCREDITATION REPORT**

**TUNG WAH COLLEGE**

**LEARNING PROGRAMME RE-ACCREDITATION**

**BACHELOR OF MEDICAL SCIENCE (HONOURS)**

**MARCH 2017**

This accreditation report is issued by the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ) in its capacity as the Accreditation Authority as provided for under the Accreditation of Academic and Vocational Qualifications Ordinance (Cap 592) (AAVQO). This report outlines the HKCAAVQ's determination, the validity period of the determination as well as any conditions or restrictions on the determination.

## **1. Introduction**

1.1 Tung Wah College (the College) was incorporated in 2010 as a wholly-owned subsidiary of Tung Wah Group of Hospitals and operates independently as a privately-funded tertiary education institution. The College underwent an Institutional Review (IR) by HKCAAVQ in October 2010 and gained Cap 320 registration status from the Hong Kong Government as a degree-awarding Post Secondary College in 2011. The College is now operating bachelor and sub-degree programmes in the areas of business administration, health sciences, medical sciences and social sciences.

1.2 Based on the Service Agreement, HKCAAVQ was commissioned by the College to conduct a learning programme re-accreditation exercise with the following Terms of Reference:

(a) To conduct an accreditation test as provided for in the AAVQO to determine whether the Bachelor of Medical Science (Honours) programme of the College meets the stated objectives and Qualifications Framework (QF) standard and can continue to be offered as an accredited programme from the 2017/18 academic year; and

(b) To issue to the College an accreditation report setting out HKCAAVQ's determination in relation to (a) above.

1.3 The accreditation exercise was conducted according to the relevant accreditation guidelines referred to in the Service Agreement and the Terms of Reference stated therein. A site visit took place from 12 to 13 January 2017.

## **2. HKCAAVQ's Accreditation Determination**

Having due consideration of the accreditation panel's observations and comments as presented in this Report, HKCAAVQ makes the following accreditation determination:

## 2.1 Learning Programme Accreditation

Approval

<b>Name of Operator</b>	Tung Wah College 東華學院
<b>Name of Award Granting Body</b>	Tung Wah College 東華學院
<b>Title of Learning Programme</b>	Bachelor of Medical Science (Honours) 醫療科學學士(榮譽)
<b>Title of Qualification (Exit Award)</b>	Bachelor of Medical Science (Honours) 醫療科學學士(榮譽)
<b>Primary Area of Study and Training</b>	Medicine, Dentistry and Health Sciences
<b>Sub-area (Primary Area of Study and Training)</b>	Health Care
<b>QF Level</b>	Level 5
<b>QF Credit</b>	576 for Basic Medical Sciences Major 577 for Forensic Science Major
<b>Mode of Delivery and Programme Length</b>	Full-time, 4 years
<b>Start date of Validity Period</b>	1 September 2017
<b>End date of Validity Period</b>	31 August 2022
<b>Number of Enrolments</b>	One enrolment per year
<b>Maximum Number of New Students</b>	Year 1 Entry - 50 per year Year 3 Entry - 25 per year
<b>Address of Teaching Venues</b>	1. 31 Wylie Road, Homantin, Kowloon 2. 90A & 98, Shantung Street, Mongkok, Kowloon

### 3. Programme Details

The following programme information is provided by the operator.

3.1 The Programme Objectives (POs) of the Bachelor of Medical Science (Honours) with Major in Basic Medical Science and Forensic Science (the Programme) are to:

- (a) Provide students with an understanding and concepts of biomedical and forensic science;
- (b) Develop student's keen interest in science through critical, creative and problem-solving skills and provide insights into the biomedical and forensic science fields;
- (c) Produce graduates that are well equipped with knowledge to pursue further postgraduate professional programmes and / or pursue careers in medical and forensic science industry; and
- (d) Enhance students' communication and interpersonal skills (general and professional), understanding and appreciation of other cultures and environments.

3.2 Graduates of the Programme are expected to be able to achieve the following Programme Intended Learning Outcomes (PILOs):

PILOs for Both Majors	
PILO1	Understand the fundamental tenets of medical science and the relationship between medicine, individual and society, including contemporary ethical and legal issues;
PILO2	Acquire basic knowledge and skills in the design and conducting of experiments, integrating research, and utilizing analytical skills, critical and creative thinking in problem-solving and decision making process;
PILO3	Develop communication skills, in both Chinese and English, build a solid foundation in general education as well as good social, interpersonal skills, teamwork spirit, life-long and life-wide learning required for effective and professional interaction;
PILO4	Develop social awareness and understanding of the community value of non-profit organisations in terms of their missions, culture and overall impact and significance in

	Hong Kong;
<b>PILOs for Basic Medical Sciences Major (BasMSc)</b>	
PILO5	Understand the molecular, cellular, tissue, organ and system organisation of a human body, in healthy or diseased state;
PILO6	Acquire an in-depth understanding of common diseases;
PILO7	Demonstrate an ability to identify a patient's problem with an integrative reasoning approach;
<b>PILOs for Forensic Science Major (FSc)</b>	
PILO8	Understand the basis of forensic science;
PILO9	Perform forensic investigations in different scientific disciplines in the legal context; and
PILO10	Develop skills in crime scene investigation, evidence examination and critical analyses to present a coherent report with underlying sound scientific basis.

### 3.3 Programme Structure

The structure of the programme is summarised below:

	<b>Number of Courses for BasMSc Major</b>			
Year of Studies	Discipline	Language	General Education	Sub-Total
Year 1	6	2	4	12
Year 2	8	2	0	10
Year 3	7	1	2	10
Year 4	6	1	0	7
<b>Total (%)</b>	<b>27 (69.2%)</b>	<b>6 (15.4%)</b>	<b>6 (15.4%)</b>	<b>39 (100%)</b>

	<b>Number of Courses for FSc Major</b>			
Year of Studies	Discipline	Language	GE	Sub-Total
Year 1	6	2	4	12
Year 2	10	2	0	12
Year 3	8	1	1	10
Year 4	4	1	1	6
<b>Total (%)</b>	<b>28 (70.0%)</b>	<b>6 (15.0%)</b>	<b>6 (15.0%)</b>	<b>40 (100%)</b>

### 3.4 Graduation Requirements

The graduation requirements of the Programme are as follows:

- (a) Have completed the minimum required credit units as prescribed for the Programme with a Graduation GPA of at least 2.0;
- (b) Have achieved GPA of 1.0 or above in all courses in the Programme;
- (c) Have passed the graduate project/ internship/ practicum/ Work-Integrated Learning Programme/ Co-operative Education Scheme, if any, as prescribed for the Programme;
- (d) Have completed the Community Services programme required by the Programme; and
- (e) Have attained a valid score of 6.0 in IELTS or equivalent.

### 3.5 Admission Requirements

3.5.1 To be eligible for admission to Year 1 of the Programme, an applicant should:

#### Standard admissions

- (a) Obtain Level 3 in Chinese Language and English Language and Level 2 in Mathematics and Liberal Studies plus one Elective / Applied Learning Subject at Level 2 (“3322+2”) in the Hong Kong Diploma of Secondary Education Examination (HKDSE); OR
- (b) Pass in Advanced Supplementary Level (ASL) Use of English and ASL Chinese Language and Culture plus one Advanced Level (AL) subject/two ASL subjects in HKALE and Level 2 for Chinese Language and English Language plus passes in three other subjects in HKCEE; OR
- (c) Obtain the International Baccalaureate (IB) Diploma with a minimum score of 28 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
- (d) Meet the 2nd cut-off line 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以上及英語科達 100 分或以上); OR
- (e) Obtain equivalent qualifications (such as meeting the admission requirements of a degree programme offered outside Hong Kong); OR

Non-standard admissions

- (f) Reach the age of 25 years old or above with a minimum of 3 years' relevant working experience.

3.5.2 In line with the general expectation on self-financed operators in safeguarding teaching and learning quality and thereby upholding the credibility and recognition of the qualifications, the percentage of the above Year 1 non-standard admissions is capped on a programme basis at a maximum of 5% of the actual number of Year 1 new students of the year.

3.5.3 To be eligible for admission to Year 3 of the Programme, an applicant should (a) complete an Associate Degree Programme (AD) or Higher Diploma Programme (HD) of the relevant subject/discipline; OR (b) obtain equivalent qualifications.

3.5.4 Apart from meeting the minimum admission requirements, applicants may be required to attend an interview where they are assessed on their general and subject knowledge, motivation, problem solving skills, and communication in English and in Chinese.

3.6 Graduate Profile

- Please refer to Appendix

#### **4. Substantial Change**

- 4.1 The accreditation status of the learning programme will lapse upon the expiry of the validity period or HKCAAVQ may withdraw the accreditation status at any time during the validity period if there are substantial changes made to the programme that have not been approved by HKCAAVQ. Please refer to the '*Guidance Notes on Substantial Change to Accreditation Status*' in seeking approval for proposed changes. The Guidance Notes can be downloaded from the HKCAAVQ website.

#### **5. Qualifications Register**

- 5.1 Qualifications accredited by HKCAAVQ are eligible for entry into the Qualifications Register (QR) at <http://www.hkqr.gov.hk> for recognition under the Qualifications Framework (QF). The Operator should apply separately to have their quality-assured qualifications entered into the QR.
- 5.2 Only learners who commence the study of the named accredited learning programme during the validity period and who have graduated with the named qualification listed in the QR will be considered to have acquired a qualification recognised under the QF.

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## Appendix

### **Graduate Profile of Bachelor of Medical Science (Honours)**

Qualification Title	Bachelor of Medical Science (Honours) 醫療科學學士(榮譽)	
Qualification Type	Bachelor of Medical Science (Honours) 醫療科學學士(榮譽)	
QF Level	5	
Primary Area of Study/Training	Medicine, Dentistry and Health Sciences	
Sub-area (Primary Area of Study and Training)	Health Care	
Other Area of Study/Training	Not applicable	
Sub-area (Other Area of Study and Training)	Not applicable	
Programme Objectives	<ol style="list-style-type: none"><li>1. Provide students with an understanding and concepts of biomedical and forensic science;</li><li>2. Develop student's keen interest in science through critical, creative and problem-solving skills and provide insights into the biomedical and forensic science fields;</li><li>3. Produce graduates that are well equipped with knowledge to pursue further postgraduate professional programmes and / or pursue careers in medical and forensic science industry; and</li><li>4. Enhance students' communication and interpersonal skills (general and professional), understanding and appreciation of other cultures and environments.</li></ol>	
Programme Intended Learning Outcomes	<b>PILOs for Both Majors</b>	
	PILO1	Understand the fundamental tenets of medical science and the relationship between medicine, individual and society, including contemporary ethical and legal issues;
	PILO2	Acquire basic knowledge and skills in the design and conducting of experiments, integrating research, and utilizing analytical skills, critical and creative thinking in problem-solving and decision making process;

	PILO3	Develop communication skills, in both Chinese and English, build a solid foundation in general education as well as good social, interpersonal skills, teamwork spirit, life-long and life-wide learning required for effective and professional interaction;
	PILO4	Develop social awareness and understanding of the community value of non-profit organisations in terms of their missions, culture and overall impact and significance in Hong Kong;
	PILOs for Basic Medical Sciences Major (BasMSc)	
	PILO5	Understand the molecular, cellular, tissue, organ and system organisation of a human body, in healthy or diseased state;
	PILO6	Acquire an in-depth understanding of common diseases;
	PILO7	Demonstrate an ability to identify a patient's problem with an integrative reasoning approach;
	PILOs for Forensic Science Major (FSc)	
	PILO8	Understand the basis of forensic science;
	PILO9	Perform forensic investigations in different scientific disciplines in the legal context; and
	PILO10	Develop skills in crime scene investigation, evidence examination and critical analyses to present a coherent report with underlying sound scientific basis.
Education Pathways	The programme curriculum meets the basic educational requirements for admission into relevant master programmes. Graduates from BasMSc Major are mainly prepared as pre-professional students who are eligible to enter Medicine, Dentistry, Veterinary Science, Chiropractry and Chinese Medicine in the region or overseas though they may also pursue research degrees (MPhil and PhD) to enter academic careers.	
Employment Pathways	Graduates of BacMSc Major are employed by private laboratories or hospitals at para-professional positions. Career opportunities for the FSc Major graduates are available at the Government Laboratory under the Forensic Science Division, The Hong Kong Police Force, the Customs and Excise Department, and the Agriculture, Fisheries and Conservation Department of the Hong Kong Government.	

<p>Minimum Admission Requirements</p>	<p><u>Year 1 Entry</u></p> <p><u>Standard admissions</u></p> <p>(a) Obtain Level 3 in Chinese Language and English Language and Level 2 in Mathematics and Liberal Studies plus one Elective / Applied Learning Subject at Level 2 (“3322+2”) in the Hong Kong Diploma of Secondary Education Examination (HKDSE); OR</p> <p>(b) Pass in Advanced Supplementary Level (ASL) Use of English and ASL Chinese Language and Culture plus one Advanced Level (AL) subject/two ASL subjects in HKALE and Level 2 for Chinese Language and English Language plus passes in three other subjects in HKCEE; OR</p> <p>(c) Obtain the International Baccalaureate (IB) Diploma with a minimum score of 28 and fulfilled the English language requirements:</p> <ul style="list-style-type: none"> <li>• Grade 4 or better in the Higher Level English Language (B Syllabus); or</li> <li>• Grade 5 or better in the Standard Level English Language (B Syllabus); or</li> <li>• Grade 4 or better in the Higher or Standard Level English Language (A1 or A2 Syllabus); or</li> <li>• Grade 4 or better in the Standard Level English - Text and Performance; or</li> <li>• Grade 4 or better in the Standard Level English - Literature and Performance (A1 syllabus); OR</li> </ul> <p>(d) Meet the 2nd cut-off line 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以上及英語科達 100 分或以上); OR</p> <p>(e) Obtain equivalent qualifications (such as meeting the admission requirements of a degree programme offered outside Hong Kong); OR</p> <p><u>Non-standard admissions</u></p> <p>Reach the age of 25 years old or above with a minimum of 3 years’ relevant working experience.</p>
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	<p><u>Year 3 Entry</u></p> <p>(a) Have completed an Associate Degree or Higher Diploma programme of the relevant subject/discipline; OR</p> <p>(b) Have obtained equivalent qualifications.</p>
Operator	Tung Wah College 東華學院