

**Graduate Profile of  
Bachelor of Science (Honours) in Biomedical Science**

<b>Qualification Title</b>	Bachelor of Science (Honours) in Biomedical Science 生物醫學（榮譽）理學士
<b>Qualification Type</b>	Bachelor's Degree
<b>QF Level</b>	Level 5
<b>Primary Area of Study and Training</b>	Sciences
<b>Sub-area (Primary Area of Study and Training)</b>	Life Sciences
<b>Other Area of Study and Training</b>	Not applicable
<b>Sub-area (Other Area of Study and Training)</b>	Not applicable
<b>Programme Objectives</b>	<p>The programme objectives are:</p> <ol style="list-style-type: none"> <li>1. Provide students with an understanding of the concepts of biomedical science;</li> <li>2. Develop student's keen interest in Science through critical, creative and problem-solving skills and provide insights into biological science area such as biomedical science fields;</li> <li>3. Produce graduates who are well equipped with knowledge to pursue further postgraduate professional programmes and/or pursue careers in biomedical science fields; and</li> <li>4. Enhance students' communication and interpersonal skills (general and professional), understanding and appreciation of other cultures and environments.</li> </ol>
<b>Programme Intended Learning Outcomes</b>	<p>Upon completion of the Programme, students will be able to:</p> <ol style="list-style-type: none"> <li>1. Understand the fundamental tenets of biomedical science and the relationship between individual, society and biological science, including contemporary ethical and legal issues;</li> </ol>

	<ol style="list-style-type: none"> <li>2. Acquire basic knowledge and skills in the design and conducting of experiments, integrating research, and utilising analytical skills, critical and creative thinking in problem-solving and decision-making process;</li> <li>3. 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;</li> <li>4. 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;</li> <li>5. Understand the molecular, cellular, tissue, organ and system organization of a human body, in healthy or diseased state;</li> <li>6. Acquire an in-depth understanding of biology of health and common diseases; and</li> <li>7. Demonstrate knowledge and problem-solving skills in addressing health issues with an integrative reasoning approach.</li> </ol>
<p><b>Education Pathways</b></p>	<p>Graduates of the Programme should be able to pursue further study in postgraduate programmes such as:</p> <ul style="list-style-type: none"> <li>• Master of Medical Science, The University of Hong Kong</li> <li>• Master of Biomedical Science, HKU School of Professional and Continuing Education</li> <li>• Master of Science in Biochemical &amp; Biomedical Science, The Chinese University of Hong Kong</li> <li>• Master's degree in Public Health, The University of Hong Kong &amp; The Chinese University of Hong Kong</li> <li>• Master of Science in Medical Laboratory Science, The Chinese University of Hong Kong</li> <li>• Master of Science in Occupational Therapy, University of Essex, UK</li> <li>• Master of Science in Forensic Science, University of Florida, USA.</li> <li>• Masters in Physiotherapy, University of Sydney, Australia.</li> </ul>

	<ul style="list-style-type: none"> <li>• Bachelor of Veterinary Medicine and Surgery, University of Edinburgh, UK</li> <li>• Doctor of Medicine graduate entry, University of Sydney, Australia.</li> </ul> <p>Graduates of Programme will also have opportunities to register for research postgraduate degree programmes as they will have the attributes of fundamental laboratory skills, an inquisitive mind and problem-solving skills.</p>
<p><b>Employment Pathways</b></p>	<p>Graduates will have ample opportunities to enter the workforce as:</p> <ul style="list-style-type: none"> <li>• pre-professional students who can become 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</li> <li>• Clinic Assistants in private laboratories</li> <li>• Laboratory Assistants in Hospital Authority and private laboratories</li> <li>• Research Assistants / Associates at Hong Kong Science Park</li> </ul>
<p><b>Minimum Admission Requirements</b></p>	<p><u>Year 1 entry</u></p> <p>(a) Have obtained 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 HKDSE; or</p> <p>(b) 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</p> <p>(c) Have obtained the International Baccalaureate (IB) Diploma with a minimum score of 24 and fulfilled the English language requirements:</p> <ul style="list-style-type: none"> <li>(i) Grade 4 or better in the Higher Level English Language (B Syllabus); or</li> <li>(ii) Grade 5 or better in the Standard Level English Language (B Syllabus); or</li> </ul>

	<p>(iii) Grade 4 or better in the Higher or Standard Level English Language (A1 or A2 Syllabus); or</p> <p>(iv) Grade 4 or better in the Standard Level English – Text and Performance; or</p> <p>(v) Grade 4 or better in the Standard Level English – Literature and Performance (A1 syllabus); or</p> <p>(d) Have met 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 (*or the “cut-off line for undergraduate studies”, for provinces and cities where the 1<sup>st</sup> and 2<sup>nd</sup> cut-off lines are combined); or</p> <p>(e) Have obtained equivalent qualifications; or</p> <p>(f) Have reached the age of 25 years old or above with a minimum of 3 years’ relevant work experience (for non-standard admission only).</p> <p><u>Year 3 entry</u></p> <p>(a) Have completed an Associate Degree (AD) or a Higher Diploma (HD) programme in a relevant subject/discipline; or</p> <p>(b) Have obtained equivalent qualifications.</p> <p>Remark: Interview and written test are arranged for admission purposes.</p>
<b>Operator</b>	Tung Wah College 東華學院