



# Li Ka Shing Faculty of Medicine

## Available Minor Options (Quick Glance)

(For Non-Medical Students)

Minors
<p><i><u>For 2016/17 intake and before:</u></i></p> <ul style="list-style-type: none"><li>• Genetics and Genomics</li><li>• Pharmaceutical Sciences</li></ul> <p><i><u>Effective from 2017/18 for 2016/17 intake and after:</u></i></p> <ul style="list-style-type: none"><li>• Biotechnology and Clinical Research</li><li>• Genetics and Genomics</li><li>• Kinesiology</li></ul>

For details, please refer to individual factsheets.



Li Ka Shing Faculty of Medicine

## Biotechnology and Clinical Research

(For 2017/18 intake and after)

<b>Offered As:</b>	✓ Minor
<b>*Open to students of other Faculties:</b>	✓
<b>What is it about?</b>	The Minor programme places emphasis on contemporary biomedical R&D innovations, and introduces the frameworks in translating and transforming basic science knowledge to new products, processes or services. This minor also offers operational concepts in clinical research that ranges from study design and human research ethics in clinical trials.
<b>Offering Department/ School/Institute:</b>	School of Biomedical Sciences
<b>Pre-requisite requirements and/or other conditions for declaring the major/minor</b>	<i>Minor:</i> <b>BBMS1001</b> & any one of these courses: <b>BBMS2008</b> , <b>BBMS2009</b> For details, please check with the School of Biomedical Sciences.
<b>Minor Programme Requirements:</b>	<i>Minor:</i> Students are required to complete 36 credits of the following courses subject to the University's regulations on credit double-counting: BBMS1001, BBMS2005, BBMS2008, BBMS2009, BBMS2010, BBMS3012, BBMS3018, BBMS4005, BIOL3409, MEDE4604
<b>Career opportunities:</b>	The Minor programme is designed to educate and prepare future biomedical professionals looking to acquire knowledge and managerial skills in the pharmaceutical and biotechnology industries.
<b>Further information:</b>	<a href="http://www.sbms.hku.hk/education/undergraduate-education/bachelor-of-biomedical-sciences/curriculum-structure">http://www.sbms.hku.hk/education/undergraduate-education/bachelor-of-biomedical-sciences/curriculum-structure</a>
<b>Contact:</b>	E: <a href="mailto:sbms@hku.hk">sbms@hku.hk</a> P: 3917 9278

\* Note: Students pursuing curricula with major / minor programme(s) must complete at least one major programme from their home Faculties upon graduation.

Disclaimer: The information mainly applies to students admitted in 2017-2018 and thereafter. For students from different cohorts, the information is only for reference. Please check with Faculty/offering department for details. The pre-requisite requirements / conditions are subject to changes by Faculties from time to time, and students are advised to check with their Faculty Office in case of doubt.



## Li Ka Shing Faculty of Medicine Genetics and Genomics

<b>Offered As:</b>	✓ Minor
<b>*Open to students of other Faculties:</b>	✓
<b>What is it about?</b>	It is about understanding the basis of health and diseases, with an aim to provide an up-to-date account of our knowledge of genetics and genomics, and their role in health and disease development.
<b>Offering Department:</b>	School of Biomedical Sciences

<b>Pre-requisite requirements and/or other conditions for declaring the major/minor:</b>	<i>Minor:</i> <b>BIOC1600</b> & any one of these courses: <b>BBMS2007, BBMS2003</b>  For details, please check with the School of Biomedical Sciences.
<b>Minor Programme Requirements:</b>	<i>Minor:</i> Students are required to complete 36 credits of the following courses subject to the University's regulations on credit double-counting: BIOC1600, BBMS2007, BBMS2003, BBMS3007, BBMS3008, BBMS3009, BBMS4003, BIOC3605, BIOC4612, BBMS4004
<b>Career opportunities:</b>	The Minor programme explores the application of genetics and genomics to clinical practice and population health, and is highly relevant to students who aspires a scientific or academic career in the field.
<b>Further information:</b>	<a href="http://www.sbms.hku.hk/education/undergraduate-education/bachelor-of-biomedical-sciences/curriculum-structure">http://www.sbms.hku.hk/education/undergraduate-education/bachelor-of-biomedical-sciences/curriculum-structure</a>
<b>Contact:</b>	E: sbms@hku.hk P: 3917 9278

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## Li Ka Shing Faculty of Medicine

# Kinesiology

(For 2017/18 intake and after)

<b>Offered As:</b>	✓ Minor
<b>*Open to students of other Faculties:</b>	✓
<b>What is it about?</b>	Kinesiology is a multidisciplinary field of study encompassing an array of disciplines that contribute to the understanding of human movement and physical activity. This minor programme will introduce and expose students to the key subdisciplines of kinesiology including exercise physiology, exercise psychology, motor control and biomechanics, in addition to nutritional aspects of human health and performance.
<b>Offering Department:</b>	School of Biomedical Sciences School of Public Health

<b>Pre-requisite requirements and/or other conditions for declaring the major/minor:</b>	<i>Minor:</i> <b>BBMS1001</b> For details, please check with the School of Biomedical Sciences.
<b>Minor Programme Requirements:</b>	<i>Minor:</i> Students are required to complete 36 credits of the following courses subject to the University's regulations on credit double-counting: BBMS1001, CMED2004, EXSC2003, BBMS2011, EXSC2008, BBMS3018, EXSC3002, EXSC3014
<b>Career opportunities:</b>	This minor programme equips and prepares students for career development in health and fitness industry, research study in exercise science and sports medicine, and for future certification/study and work as exercise-related health professionals such as exercise specialist and physiotherapist.
<b>Further information:</b>	<a href="http://www.sbms.hku.hk/education/undergraduate-education/bachelor-of-biomedical-sciences/curriculum-structure">http://www.sbms.hku.hk/education/undergraduate-education/bachelor-of-biomedical-sciences/curriculum-structure</a>
<b>Contact:</b>	E: <a href="mailto:exhealth@hku.hk">exhealth@hku.hk</a> P: 3917 9890

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## Li Ka Shing Faculty of Medicine Pharmaceutical Sciences

(For 2016/17 intake and before)

<b>Offered As:</b>	✓ Minor
<b>*Open to students of other Faculties:</b>	✓
<b>What is it about?</b>	It is about drug design and development. Student will gain a working knowledge in the mechanisms of drug actions and learn the pharmacological properties of drugs.
<b>Offering Department:</b>	School of Biomedical Sciences

<b>Pre-requisite requirements and/or other conditions for declaring the major/minor:</b>	<u>Minor:</u> <b>BIOC1600 &amp; BBMS2005</b> For details, please check with the School of Biomedical Sciences.
<b>Minor Programme Requirements:</b>	<u>Minor:</u> Students are required to complete 36 credits of the following courses subject to the University's regulations on credit double-counting: BIOC1600, BBMS2005, BIOC2600, CHEM2442, BBMS3014, BPHM3151, BPHM4142, BPHM4147, BBMS4002
<b>Career opportunities:</b>	The Minor programme complements Majors in life sciences and natural sciences. Students will find the minor relevant in pharmaceutical industry, healthcare professions and in the field of pharmacology research.
<b>Further information:</b>	<a href="http://www.sbms.hku.hk/education/undergraduate-education/bachelor-of-biomedical-sciences/curriculum-structure">http://www.sbms.hku.hk/education/undergraduate-education/bachelor-of-biomedical-sciences/curriculum-structure</a>
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