

# Natural Sciences Programme

# 自然科學課程





# Natural Sciences Programme

## Introduction

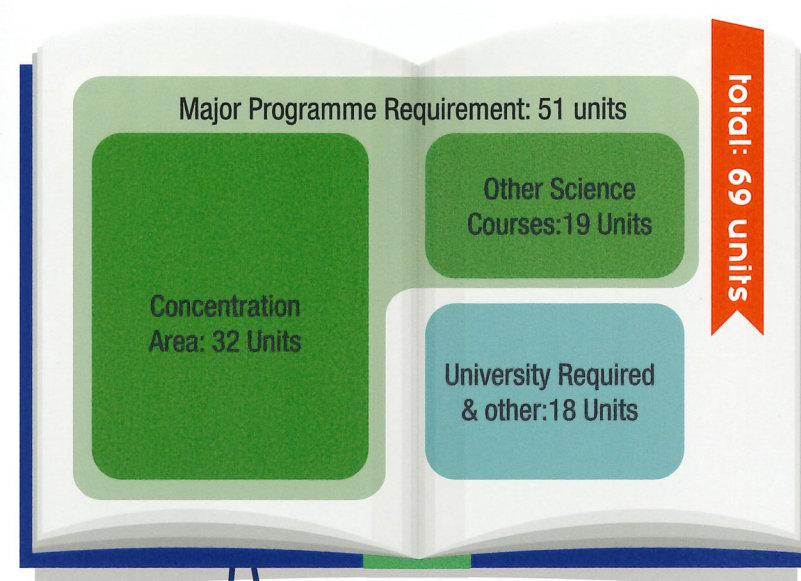
Science advances the society, and numerous government and business leaders around the world are articulating the importance of preparing and nurturing students to progress in science-related fields. The way of learning science and the professional skills that are embedded in science programmes help develop students with life-long learning abilities and equip them with knowledge, skills and attitudes that are essential to be leaders of the rapidly changing world with ever-advancing

technologies. In response to rising needs of the number of sub-degree holders' pursuit of an undergraduate degree in Science, CUHK Faculty of Science accepted the first intake of students to the UGC-funded B.Sc. in Natural Sciences (NSCI) programme in 2014-15.

The programme, administered by the Faculty of Science with the full support of six academic units

covering a wide range of science disciplines, strives to provide a rigorous training in the sciences so that graduates will have acquired broad knowledge in science and in-depth knowledge across several science subjects in a concentration area, mastered a basket of professional and generic skills for career development, and developed attitudes and values with a view to contributing to the advancement and betterment of the society.

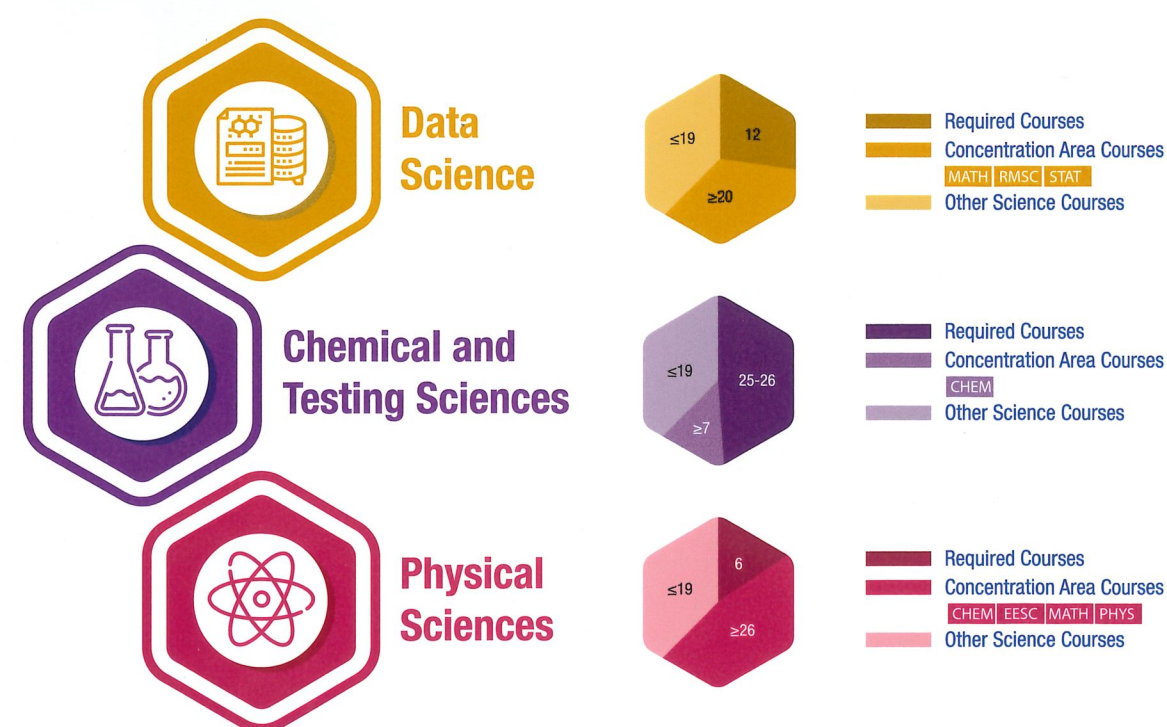
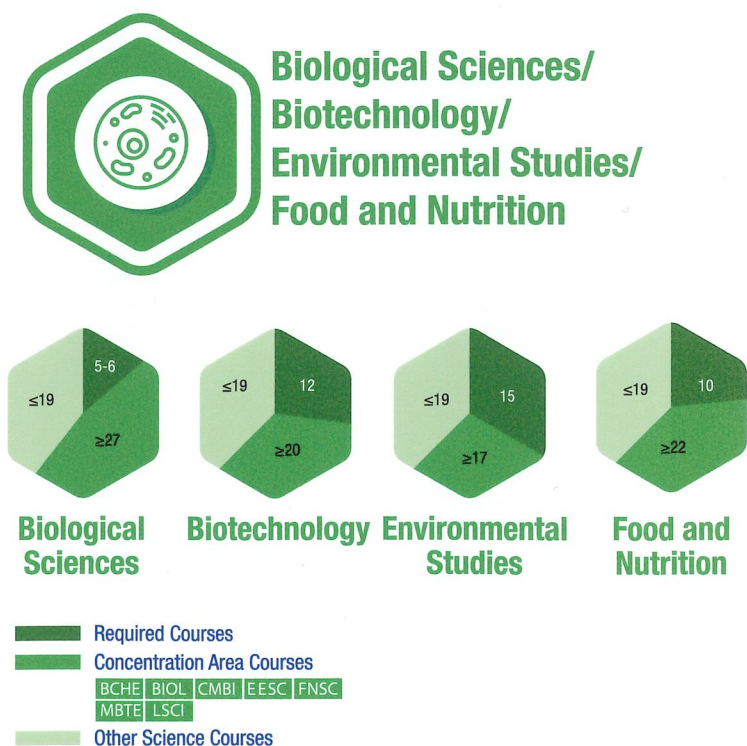
## Curriculum



For this 2-year programme, student shall complete at least 69 units of courses for graduation. At least 51 units of science courses shall be completed for the major programme requirement, including at least 32 units of science courses from one of the seven following concentration areas:

Biological Sciences / Biotechnology / Environmental Studies / Food and Nutrition	Data Science	Chemical and Testing Sciences/ Physical Sciences
<ul style="list-style-type: none"> <li>• Biochemistry (BCHE)</li> <li>• Biology (BIOL)</li> <li>• Cell and Molecular Biology (CMBI)</li> <li>• Earth and Environmental Sciences(EESC)</li> <li>• Food and Nutritional Sciences (FNESC)</li> <li>• Molecular Biotechnology (MBTE)</li> <li>• Life Sciences (LSCI)</li> </ul>	<ul style="list-style-type: none"> <li>• Risk Management Science (RMSC)</li> <li>• Statistics (STAT)</li> </ul>	<ul style="list-style-type: none"> <li>• Chemistry (CHEM)</li> <li>• Earth and Environmental Sciences(EESC)</li> <li>• Mathematics (MATH)</li> <li>• Physics (PHYS)</li> </ul>

## Major Programme Requirement (subject to revision)





# Minimum Admission Requirement



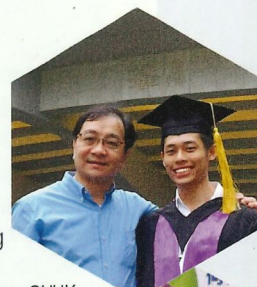
## Local Associate Degree or Higher Diploma qualifications

If the AD/HD Programme is not related to Science, level 3 in a Science Subject (or an extended Module of Mathematics) in HKDSE is required.



## An acceptable level of proficiency in the English and Chinese languages<sup>†</sup>

<sup>†</sup> Refer to the link below.



Dr. SIN Wai Ching  
(2017 Graduate)  
Postdoctoral Fellow, CUHK



Siu Yan Hin  
(2020 Graduate)  
Registered Dietitian

## Career Prospects

Graduates of this programme can look forward to career opportunities similar to those available for graduates who are admitted through JUPAS of four-year undergraduate programmes. Many of our graduates started their career in commercial laboratories; parts of the remaining graduates found employment in education sector and government departments. Some graduates with good academic performance pursued postgraduate studies in local Universities.

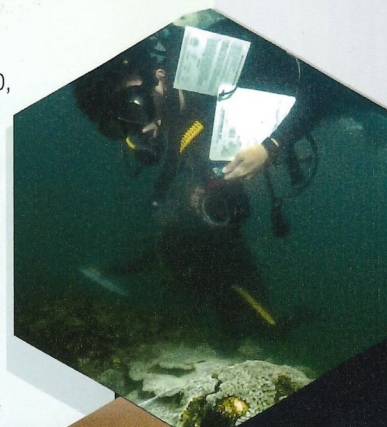


## University Life

Similar to the 4-year degree programmes, students can develop their potentials and enjoy a fruitful university life in the two years through engaging in a wide range of extra-curricular activities and services. For example,

- Overseas exchange opportunities
- College affiliation and accommodation
- Scholarships and Financial aids
- Internships
- Orientation camps
- Student unions and societies
- Support from the academic advisory system
- Seminars, workshops, mentorship programmes, leadership programmes, and community services
- Campus amenities, e.g. library and sport facilities

Internship at AFCD,  
The Government



Student Exchange  
Programme  
to Japan



### Website



### Language requirement



[www.sci.cuhk.edu.hk/nsci](http://www.sci.cuhk.edu.hk/nsci)



3943 3542



[nsci@cuhk.edu.hk](mailto:nsci@cuhk.edu.hk)



Rm333A, 3/F, Charles Kuen Kao Building, Science Centre (North Block),  
The Chinese University of Hong Kong, Shatin, N.T.