

# Bachelor of Education & Bachelor of Science (BEd&BSc)

JUPAS catalogue no : 6119



**FACULTY OF EDUCATION**  
**THE UNIVERSITY OF HONG KONG**

Updated in July 2020

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# Overview

## **BEd&BSc** degree curriculum

- is jointly offered by the Faculty of Education and Faculty of Science
- is a 5-year teacher education programme with **NO** exit point
- integrates and allows concurrent studies of Major and Professional Core courses and participation in exchange and experiential programmes during 5 years
- awards two degrees on graduation
- aims at providing professional training equivalent to a Postgraduate Diploma in Education but longer in duration



# Overview

## **BEd&BSc** degree curriculum

- leads to a recognised teacher training qualification in Hong Kong. Graduates can become a teacher of Science subject in Hong Kong secondary/ primary schools\*
- allows also the development / career options available to Science graduates
- has 16 first-year places
- will consider admitting candidates with different educational backgrounds

*(\*The qualification is not applicable for a post on the approved teaching establishment in aided primary schools starting from the 2019-20 school year. Please refer to the EDB website for details and speak to the Programme Director or Programme Coordinator if you have any queries.)*



# Curriculum Structure



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# Curriculum Structure of BEd&BSc

- 120 credits in Professional Core courses
  - integrated courses
  - pedagogy courses
  - pedagogical content knowledge courses
  - educational studies core courses
  - educational studies elective courses



# Curriculum Structure of BEd&BSc

- Before the end of Year 3: Community-based Professional Practicum
- 20-week of professional practicum in 2 blocks
  - Year 4: ten weeks in a school
  - Year 5: ten weeks in a school



# Curriculum Structure of BEd&BSc

- 96 credits (including 6-12 credits in Science **capstone** experience) in one of the following **7** Major programmes (to be declared by the end of 2<sup>nd</sup> year the latest):
  - Biochemistry, Biological Sciences, Chemistry, Ecology and Biodiversity, Food and Nutritional Science, Molecular Biology & Biotechnology or Physics

*(The number of Science majors offered is subject to University's approval.)*





# Curriculum Structure of BEd&BSc

- 144 credits in one of the following **4 Science Intensive Major** programmes (to submit an application with a study plan in Year 2 for pre-approval):
  - Chemistry, Ecology and Biodiversity, Molecular Biology & Biotechnology or Physics

*(Declaration of Science Intensive Major is optional and students must undergo a selection process arranged by the Faculty of Science.)*

*(The number of Science majors offered is subject to University's approval.)*

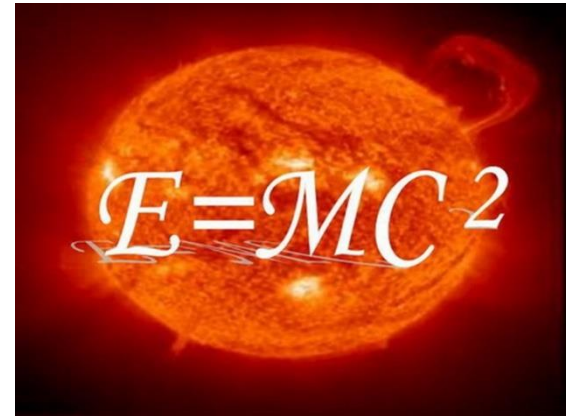
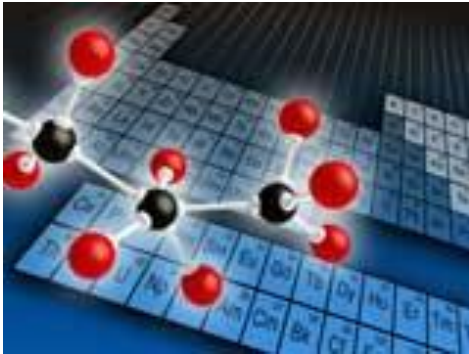


# Curriculum Structure of BEd&BSc

- 24 credits Common Core courses
- 18 credits in Chinese and English language courses
- remaining credits for free electives in (not for students declaring Intensive Science Major):
  - experiential learning programmes;
  - minor programme;
  - education and inter-faculty elective courses etc



# Admissions Requirements



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# Minimum Admissions Requirements for JUPAS Candidates

To satisfy the minimum requirements for entrance to the University, each applicant shall gain the following in the Hong Kong Diploma of Secondary Education (HKDSE):

- Level 3 or above in English language;
  - Level 3 or above in Chinese language;
  - Level 2 or above in Mathematics;
  - Level 2 or above in Liberal Studies; and
  - Level 3 or above in two Elective Subjects\*.
- (1) Other Language subjects will be used as unspecified elective subjects. The minimum requirement is Grade E.
- \* At least one of the elective subjects should be Biology, Chemistry, Physics, Combined Science or Integrated Science.



# Selection Criteria for HKDSE Students Admitted in 2020-21

- BEd&BSc requires Best 5 subject scores
- Mathematics, Biology, Chemistry, Physics, Combined Science or Integrated Science are weighed slightly heavier in computing the overall score of applicants
- Other tie-breakers may be employed



# Minimum Admissions Requirements for Non-JUPAS Candidates

Candidates with different educational backgrounds are required to satisfy each of the followings for the basic University Entrance Requirements:

- General Academic Requirements under
  - either International Qualifications e.g. International Baccalaureate Diploma, GCE A-level, GCE AS-level etc
  - or National / Regional Qualifications e.g. Singapore's GCE A-Level examination, South Korea's General High School Diploma etc;
- English language requirement; and
- Second language requirement

See details in HKU website



# Question & Answer



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# Frequently Asked Questions (1)

*Do I have to put your programme as my Band A i.e. top 3 choices in JUPAS or 1<sup>st</sup> choice in non-JUPAS to enhance my chance of being admitted?*

Yes, only applicants who have put the programme as their Band A i.e. top 3 choices in JUPAS or 1<sup>st</sup> choice in non-JUPAS will be favourably considered.





# Frequently Asked Questions (2)

*If I am applying on the basis of my HKDSE results, how will my application be evaluated?*

Selection will be primarily based on applicants' results in the best 5 subjects. For applicants taking 3 elective subjects, only the best 2 electives will be counted in computing their scores.

Mathematics, Biology, Chemistry, Physics, Combined Science or Integrated Science are weighed slightly heavier.



# Frequently Asked Questions (3)

*Will BEd&BSc prefer independent Science subjects i.e. Biology, Chemistry and Physics, than Combined Science (reported in three scores: overall, one for each of the two parts) and Integrated Science subjects?*

No, we do not prefer independent Science subjects than Combined Science and Integrated Science subjects.

All these subjects will be given equal weighting in computing the overall scores of applicants.



# Frequently Asked Questions (4)

*Is there any quota for JUPAS and non-JUPAS applicants? How many students were admitted through the non-JUPAS exercise?*

There are no fixed quotas for JUPAS and non-JUPAS applicants for the BEd&BSc curriculum. Each applicant is assessed based on academic merits.



# Frequently Asked Questions (5)

*Will I be granted interviews?*

We may invite candidates to attend interviews after the release of HKDSE results.

However, not all candidates need to attend an interview. Being invited to an interview is not an indicator of the chance of admission. We will notify candidates the arrangement for interview by e-mail or phone, if necessary.



# Frequently Asked Questions (6)

*Can I apply JUPAS, non-JUPAS and Direct Admissions Scheme at the same time?*

Applicants can only submit one application through any one of the three schemes in the same admission year.

Duplicate applications under a particular admissions scheme or across different admissions schemes will NOT be considered by the University and application fees paid are non-refundable.



# Frequently Asked Questions (7)

*Can I apply for direct entry to Year 2 or 3?*

You cannot apply for direct entry to the senior year of the BEd&BSc curriculum because it is a professional degree curriculum and students are required to complete the entire programme.



# Frequently Asked Questions (8)

*When is the deadline for non-JUPAS applicants to send supporting documents?*

We will start reviewing applications when received. Applicants should send supporting documents to the University within 2 weeks after the submission of application or as soon as possible when updated results / transcripts are received during the year.



# Frequently Asked Questions (9)

*Can I choose to take any one of the 14 majors from the Faculty of Science as my subject major?*

No, BEd&BSc students can only take **one** of the 7 approved majors (slide 8; *subject to University's approval*) as their subject major. Mathematics, Decision Analytics, Risk management, Statistics, Earth System science, Environmental Science and Geology major programmes are not on the list. Nevertheless, students are encouraged to take these as minor by using their credits for electives.

Taking an additional major programme (72 – 96 credits) might be possible but is going to be very demanding. **Students have to discuss with their programme coordinators for approval.**





# Contacts and Useful Links



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# Contacts

Admissions and Programme matters

Faculty of Education

Email : [bedbsc@hku.hk](mailto:bedbsc@hku.hk)

Telephone : 3917 4659

Science Curriculum matters

Faculty of Science

Email : [science@hku.hk](mailto:science@hku.hk)

Telephone : 3917 2683



# Useful Links

Faculty of Education

[https://web.edu.hku.hk/programme/bedbsc\\_6119/](https://web.edu.hku.hk/programme/bedbsc_6119/)

Faculty of Science

<https://www.scifac.hku.hk/prospective/ug/key-features-for-science-curricula>

Undergraduate Admissions

<https://www.aal.hku.hk/admissions/>

Joint University Programmes Admissions System (JUPAS)

<https://www.jupas.edu.hk/en/about-jupas/introduction/>



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# Any More Questions?



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**Thank you for coming!**



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