
理學士（學習設計與科技）學位課程

Bachelor of Science (Learning Design and Technology) Programme

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課程網頁 Programme Website: <https://www.fed.cuhk.edu.hk/lkte/>

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本課程為四年全日制綜合課程，由教育學院、工程學院和理學院共同開設。課程設計建基於教育作為「元學科或學科中的學科」這個嶄新的教育科學觀點，一方面為學生提供知識、技能和領袖能力的培養，同時亦重視個人在常規教育環境內外的學習和發展。畢業生將以教育和學習科學為核心，具備教育、科技和科學的多學科知識。課程不僅為學生提供理論與實踐並重的實習機會，並將開設專題研究項目讓學生應用多學科知識和行動科學技能。

課程特點：

- 提供教育、科技和科學跨學科綜合課程
- 理論和行動科學為主導、實驗為本的學習模式
- 在多元文化背景下結合科學、科技、工程和數學（STEM）教育和科技為本的多媒體教學
- 通過教育和社區參與提升服務學習的能力
- 進行 STEM 教育領域內外的科技、科學和跨學科研究
- 銜接與科技或科學教育相關學科的教師專業課程，以及其他與教育或科技相關的研究生課程

畢業生可於學校、辦學團體、大學、政府部門、非政府機構（特別是致力透過教育解決社會問題的機構）、以及包括粵港澳大灣區在內的本地及國際教育機構及行業發展事業。課程培養學生具備在教育和 STEM 相關界別發展所需之技能，使他們在工商業、學校、非政府機構或其他新興教育相關行業都能盡展所長。此外，畢業生亦可報讀教師專業課程，獲取與科技或科學相關的教學專業資格。

修讀辦法、科目總表及科目概要，請參考《香港中文大學本科生手冊》（<https://www.aqs.cuhk.edu.hk>）或課程網頁。

This is a four-year full-time integrative programme jointly offered by the Faculties of Education, Engineering and Science. Its design is based on the latest re-formulation of the science of education, which casts education as "a metadiscipline or discipline of disciplines" to equip learners with knowledge, competencies, and leadership to facilitate learning and development in and beyond the formal education settings. Graduates of the programme will be equipped with multidisciplinary knowledge in education, technology, and science with education and learning

sciences serving as the unifying threads. Not only will students be provided with internship opportunities to consolidate theory-practice integration, but they will also carry out research projects to synthesize multidisciplinary knowledge and action-science competencies.

Programme features:

- Integrative, multidisciplinary programme in education, technology and science
- Theory-driven, action-science oriented, and lab-based learning approach
- Integrated STEM education with technology-based and multimedia instruction in multicultural contexts
- Enhancement of service learning competencies through education and community engagement
- Research in technology, science and transdisciplinary studies in and beyond STEM education
- Articulation with the teacher professional programmes in technology- and/or science-related teaching and other research-based postgraduate programmes in education and/or technology-related disciplines

Graduates of the programme can pursue professional careers in schools, school-sponsoring bodies, universities, government sectors, non-governmental organizations (especially those specializing in solving social problems by means of education), education-related companies and industries in local, regional, and global settings including the Greater Bay Area. Graduates are equipped to serve in a variety of settings where there is an interface between education and STEM, including industries, businesses, schools, non-governmental organizations, and other new and emerging education-related industries. Additionally, graduates who want to pursue a teaching career can continue their study in the teacher professional programme to obtain a technology- and/or science-related teaching qualification.

Please refer to the CUHK Undergraduate Student Handbook (<https://www.aqs.cuhk.edu.hk>) or programme website for the study scheme, course list and course descriptions.