

Research Assistant I (Ref: 2401157)
Department of Mathematics and Information Technology

Project Title: Assessing the HKDSE Curriculum's Effect on Secondary Students' Academic Performance and STEM Career Interest in the GBA: A Big Data Approach to Teaching Quality Monitoring

[Appointment Period: around 12 months]

The appointee will be responsible for conducting research projects related to Teaching Quality Monitoring based on Big Data, particularly in the area of the HKDSE curriculum, compulsory education curriculum, and STEM education. Specific duties include preparing research materials, data collection, data coding, quantitative and qualitative data analysis, report writing, and supervision of student helpers. The appointee is also expected to perform administrative support to the Principal Investigator and the research team. The appointment will be for a period of 12 months with the possibility of renewal subject to mutual agreement.

Applicants should have a Bachelor's degree, preferably a Master's degree in Educational Measurement and Assessment, Curriculum and Teaching, Education Technology, Education or other related fields. Applicants should be competent in academic research, Proficient in statistical analyses (e.g., SPSS, R, or other data-analysis software) and good communication skills in both written and spoken English and Chinese are essential. Applicants should be self-motivated, responsible, organized, and able to work independently and in a team. Relevant research experience would be an advantage.

For further enquiries about the posts, please contact Dr ZHANG Qiaoping, at zqiaoping@eduhk.hk.

Salary will be commensurate with qualifications and experience.

Initial appointment will be made on a fixed-term contract. Fringe benefits include contract-end gratuity, leave, medical and dental benefits.

The University only accepts and considers applications submitted online for this post. Applicants should complete the [online application form](#) and upload a full CV. **Review of applications will start from 8 November 2024, and will continue until the post is filled.** Applications which are incomplete or without the required documents may not be considered. Personal data provided by applicants will be used for recruitment and other employment-related purposes. For details of the Personal Information Collection Statement, please refer to <http://www.eduhk.hk/jobsoff/index.php?glang=en>.

All applications will be treated in strict confidence. Only those who are shortlisted will be contacted. The University reserves the right not to fill the position(s) advertised. Since the incumbent's work would involve contacts with persons aged under 18 and/or mentally incapacitated persons, prospective employee(s) will be required to undergo Sexual Conviction Record Check operated by the Hong Kong Police Force.

Further information about the University is available at <http://www.eduhk.hk>.

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