

CAREER PROSPECTS

Graduates of the MSclWt programme have bright career prospects in high-tech companies and start-ups of intelligent wearables, such as:

- ↳ AI Specialists
- ↳ Data Analysts
- ↳ Entrepreneurs
- ↳ Health Informatics Specialists
- ↳ Leading Engineers
- ↳ Managers
- ↳ Materials Scientists
- ↳ PhD students
- ↳ R&D Engineers/Managers in high-tech/IT companies
- ↳ R&D Engineers/Managers in textile & clothing industries
- ↳ Researchers in academic institutions
- ↳ Sales Representatives
- ↳ User Experience Designers
- ↳ VR/AR Developers
- ↳ Wearable Technology Designers



GENERAL ENTRANCE REQUIREMENTS

For admission to master’s degree, the basic requirement is a bachelor’s degree from an institution that is recognised by PolyU. In addition, you must meet the entrance requirements that are specified by individual programmes.

ENGLISH LANGUAGE REQUIREMENT

If you are not a native speaker of English, and your bachelor’s degree or equivalent qualification is awarded by institutions where the medium of instruction is not English, you are expected to fulfil the following minimum English language requirement for admission purpose, unless otherwise specified by individual programmes concerned:

- ↳ A Test of English as a Foreign Language (TOEFL) score of 80 for the Internet-based test or 550 for the paper-based test;

OR

- ↳ An overall Band Score of at least 6 in the International English Language Testing System (IELTS).

English language qualifications other than the above will be considered individually on their own merits by the departments concerned. Applicants may be required to attend interviews or tests to further demonstrate their language proficiency.

Important: The programme is taught in English; therefore, potential candidates must have an excellent command of the English language.

ADDITIONAL ENTRANCE REQUIREMENTS

Bachelor’s degree holders or above in any following disciplines: Fashion and Textiles, Materials Science and Engineering, Artificial Intelligence, Electronics, Computer Science, Chemical Engineering, Communications Engineering, Physics, Design, Business, or other related disciplines.

INTERVIEW ARRANGEMENT

Interview is not required.

APPLICATION METHOD

Applications can be submitted online at www.polyu.edu.hk/study.

NON-LOCAL APPLICANTS

PolyU welcomes applications from quality candidates from around the world. At present, we have students of various nationalities including Africa, North America, Europe and Southeast Asia. We also have many students from the Mainland China. If you are holding one of the following visas / permits, you are regarded as a “non-local student” for the purpose of admission to our programmes:

- ↳ Student visa / entry permit;
- ↳ Visa under the Immigration Arrangements for Non-local Graduates (IANG); or
- ↳ Dependant visa / entry permit holders, who were aged 18 years old or above when they were issued with such visa / entry permit issued by the Director of Immigration.

All non-local students must obtain a student visa to study in Hong Kong. Non-local students enrolling in part-time postgraduate studies at PolyU will likely be issued a short-term multiple-entry student visa.

If you only possess a visitor or tourist visa, we can neither register you as a student nor allow you to commence your studies until a student visa is obtained. Therefore, you should not travel to Hong Kong without a valid student visa. If you are holding a valid work permit, you are not required to have a student visa for undertaking a part-time programme. Normally, you will not be considered for admission to a fulltime programme.

PART-TIME EMPLOYMENT

According to the Hong Kong Immigration Policy, non-local students enrolled in full-time locally accredited programmes at undergraduate level or above are allowed to take up internships, part-time on-campus employment and summer jobs.

MSc / PgD in Intelligent Wearable Technology



2024/25
ADMISSION

Programme Code	Mode of Study	Fund Type	Fee	Intake Number
14110	Mixed mode	Self-financed	HK\$7,000 /credit	50
Normal Duration		Credit Required for Graduation	Programme Leader	
1.5 years (MSc Full-time)		33 (MSc)	Dr Shou Dahua (BSc, MSc, PhD)	
3 years (MSc Part-time)		21 (PgD)		
1.5 years (PgD)				



The first postgraduate degree in wearable technology in China

SHAPING THE FUTURE

- ↳ Immersive problem-solving and critical-thinking education in the latest technology trends, including artificial intelligence (AI), metaverse, soft robotics, smart fashion and textiles, and advanced materials.
- ↳ Research projects supervised by renowned professors, including those recognised as the Top 2% Scientists Worldwide by Stanford University.

PROGRAMME AIMS

- ↳ To provide graduates with the knowledge, skills, and experience to have a global impact in the rapidly growing field of wearable technology.
- ↳ To develop leaders, entrepreneurs, and innovators in the wearable technology industry in Hong Kong, China, and worldwide.

PROGRAMME CHARACTERISTICS

The Hong Kong Polytechnic University, ranked 65th globally in the QS World University Rankings 2024, offers a specialization in intelligent wearable technology for local, national, and international students to enroll in a project-based or course-based MSc programme.

Wearable technology is one of the fastest growing fields in the world, seamlessly compatible with the emerging trends in artificial intelligence, metaverse, Internet of Things, assistive robotics, healthcare monitoring, new advanced materials, and smart fashion and textiles. This programme is an unparalleled opportunity to attend a world-leading school in wearable technology that has 14 faculty members recognised as the Top 2% Scientists Worldwide by Stanford University. A Research Institute for Intelligent Wearable Systems and a Research Centre of Textiles for Future Fashion have been set up, to facilitate interdisciplinary research, technology transfer, and collaboration with top institutions.

As the first postgraduate degree in wearable technology in China, this programme provides an immersive problem-solving and critical-thinking education for students holding a bachelor's degree or above in fashion and textiles, materials science and engineering, artificial intelligence, electronics, computer science, chemical engineering, communications engineering, physics, design, business, or other related disciplines.

PROGRAMME STRUCTURE

LEARNING MODE I	LEARNING MODE II
7 Compulsory Subjects + 1 Elective+ Research Project (9 credits)	7 Compulsory Subjects + 4 Electives
Compulsory Subjects (3 credits per subject)	
Advanced Fiber Materials	
Artificial Intelligence and Human-Machine Interaction in Wearable Systems	
Design Creativity in Wearable Technology	
Flexible Electronics for Wearable Technology	
Introduction of Intelligent Wearable Systems	
Research Methodology	
Smart Fashion and Textiles	
Elective Subjects (3 credits per subject)	
Choose 1 out of 12 subjects	Choose 4 out of 12 subjects
Apparel Performance Evaluation	
Artificial Intelligence Concepts	
Clothing and Textile Materials and Processes	
Fashion Technology	
Green Branding and Marketing of Lifestyle Products	
Green Innovations for Fashion and Textiles	
Human Computer Interaction	
IoT – Tools and Applications	
Metaverse Applications: Design and Case Studies	
Metaverse Fundamentals	
Microelectronics Processing and Technologies	
Recycling via Technology and Design	

Note: To be eligible for the exit award of a PgD, students need to successfully complete 21 credits (i.e. 7 Compulsory subjects (excluding Research Project) or 4 Compulsory subjects with Research Project).

Established in 2022, the School of Fashion and Textiles (SFT) is the new Institute of Textiles and Clothing of The Hong Kong Polytechnic University.

SFT is an international school offering academic programmes in fashion design, fashion business and fashion technology to inspire more leaders, designers and entrepreneurs to shape the future of fabrics garments and the industry.

Building on a rich legacy of teaching and launching the careers of more than 30,000 professionals with an education in textiles, SFT aspires to educate and engage a new generation of students toward fulfilling, successful careers in the fashion and textiles industries.

SFT has pioneered interdisciplinary research schemes in partnership with industry bodies and institutions within Hong Kong, the Greater Bay Area of Mainland China, and beyond.

State-of-the-art facilities and equipment for learning, teaching and consultancy ensure students receive the highest standards in practical experience and education.

Blending East and West cultures, SFT offers a syllabus and learning environment that is truly global, diverse and collaborative. As the only fashion school in Hong Kong to provide tertiary fashion education for undergraduate and postgraduate qualifications, SFT is well-positioned to provide the right learning and development opportunities for students of any ambition.



SFT General Office

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Applicants are advised to visit Study@PolyU website
www.polyu.edu.hk/study for the most current information.

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Programme Page

