

# MSc in Sports Technology & Management

## 體育科技與管理理學碩士學位

(Programme Code: 47005)

### ❖ Scholarships:

- Excellent Entrance Scholarship
- Outstanding Performance Scholarship
- Excellent Dissertation Scholarship
- Study Tour in Sports Scholarship



#### Normal Duration

1.5 year for full-time  
2.5 year for part-time



#### Credits Required

31 credits for eligible  
graduation



#### Medium of Instruction

English

## PROGRAMME AIMS

Technology is transforming the landscape of sports and event management. There are growing demands from the global market to incorporate the latest technological solutions to enrich exercise experience, elevate athletic performance, prevent sports injuries, manage sports teams/ events, and augment fan engagement. The **Master of Science in Sports Technology and Management** is an ideal choice for prospective students who would like to pursue advanced and interdisciplinary education in sports engineering. Unique emphasis is placed on both the application and development of state-of-the-art and innovative technologies for sports and event management. It is designed for engineers, scientists, sports product specialists, sports enthusiasts, elite athletes, trainers, coaches, and managers who are interested in the sports technology field.

## CHARACTERISTICS

This multidisciplinary programme focuses on the latest technologies and their applications in sports and management. Teaching and learning methods are student-centered with a wide variety of learning activities. **Study Tour** allows students to visit local, mainland, and/ or overseas sports-related institutions (e.g. international sports brands, top-tier professional sports organisations, elite athlete training facilities, major sports event management companies, etc.) and interact with experts from the field. Students who opt for the research track will have the flexibility to conduct a study on their area of interest under the guidance of our experienced academic staff in one of our world-class laboratories.



Contact Us

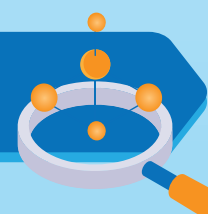
 [www.polyu.edu.hk/bme](http://www.polyu.edu.hk/bme)

  Polyubme

 [bme.info@polyu.edu.hk](mailto:bme.info@polyu.edu.hk)

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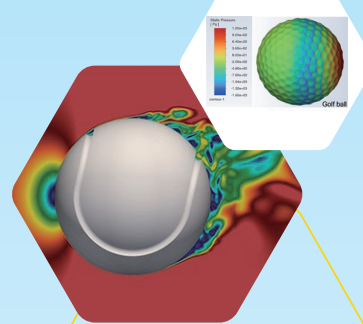




» Motion and Plantar Pressure Analysis



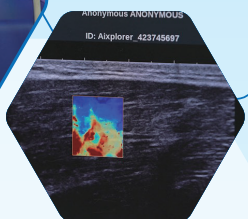
» Swimmer's Muscle Activity Measurement



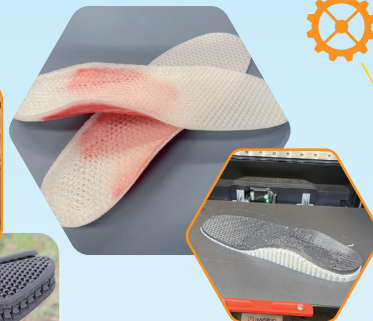
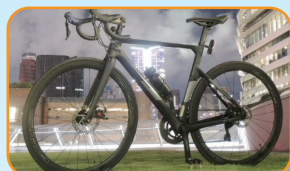
» Golf and Tennis Ball Aerodynamics



» Exercise-induced Muscle and Tendon Stiffness Measurement



» 3D-printed Bike Saddle and Insoles



## AWARD REQUIREMENTS

Students should complete five designed Compulsory Subjects and other Elective Subjects for a total of 31 credits. Students are encouraged to select the research-based Dissertation with a topic that is relevant to their professional and personal interests.

## ENTRANCE REQUIREMENT

- A Bachelor's degree in engineering or applied sciences; OR
- A degree in a sports or healthcare discipline or a related field; OR
- An equivalent qualification

No entrance examination is required, recruitment is based on the candidate's university transcript and other achievements.

## ENGLISH LANGUAGE REQUIREMENT

If you are not native speaker of English, or 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:

- A score of 80 or above in the Test of English as a Foreign Language (TOEFL) Internet-based test; OR
- An Overall Band score of 6.0 or above in the International English Language Testing System (IELTS) Academic module.

## PROGRAMME DETAILS



## SUBJECTS OF STUDY

### Compulsory:

- Artificial Intelligence and Data Analysis for Sports (體育人工智能與數據分析)
- Clinical and Sports Biomechanics (臨床及運動生物力學)
- Emerging Technologies for Performance Tracking and Analyses (追蹤與分析運動表現的新科技)
- Sports Equipment and Product Design (運動裝備及產品設計)
- Sports Marketing and Event Management (運動營銷與賽事管理)

### Electives:

- Dissertation (研究論文)
- Modern Rehabilitation Engineering and Robotics (現代康復工程與機械人)
- Research Methods and Biostatistics (研究方法與生物統計學)
- Smart Materials for Sports Technology (體育科技智能材料)
- Sports Injury Prevention and Health Management (運動創傷預防與健康管理)
- Study Tour in Sports (體育考察交流)
- Wearable Technology for Digital Health (數碼健康的可穿戴技術)