

PolyU

2026/27

SPEED



Full-time
全日制
Part-time
兼讀制

Master of Science in Sustainable Engineering Management 可持續工程管理学硕士



September 2026 Entry 2026 年 9 月开学

- Empowering future-ready professionals for the Green Industrial Revolution
迎接绿色工业革命，培育可持续工程专才
- Interdisciplinary curriculum integrating principles of sustainable engineering with essential domains including materials science, construction practices, and energy management
课程融合可持续性工程原则与材料科学、施工实践及能源管理等核心领域
- Hands-on training in green technologies to meet evolving industry and policy demands
掌握绿色技术与实务，回应行业转型与政策需求



Programme Basic Information 课程基本资料

Duration of Study:

1 year (Mixed-mode Full-time) / 2 years (Mixed-mode Part-time)

修读年期：

1 年（混合模式全日制）/ 2 年（混合模式兼读制）

Commencement Date: September 2026 Entry
开课日期：2026 年 9 月

Tuition Fee: HK\$201,190
学费：港币 201,190 元

Programme Structure 课程结构

Students are required to complete 11 subjects for a total of 31 credits with satisfactory results as well as passing an e-learning course (non-credit bearing) to fulfil the National Education Requirement in order to obtain a master's degree.
学生需要完成 11 个科目合共 31 个学分，取得满意成绩，并需于一科电子学习科目（非学分）取得合格成绩，以满足国民教育要求，方可取得硕士学位。

Compulsory Subjects (all 7 subjects; 3 credits each unless otherwise specified)
必修科目（全部 7 科目，每科 3 学分，另有规定除外）

- Academic Integrity and Ethics in Engineering (1 credit 学分)
- Advanced Intelligent Buildings
- Energy Conversion Systems
- Principles and Applications for AI
- Recycling and Sustainable Materials Management
- Safety and Quality Management for Sustainable Product Innovation
- Sustainable Design and Manufacturing

Elective Subjects[#] (any 4 subjects; 3 credits each)
选修科目[#]（任何 4 科目，每科 3 学分）

- Building Whole Life Carbon and Cost Analysis
- Energy Requirement and Strategy
- Environmental Assessment and Control
- Green Transportation
- Heat, Ventilation and Air Conditioning
- Smart and Sustainable Materials in Construction

[#] Offering of any elective subjects is subject to sufficient enrolment.
每科选修科必须有足够报读人数才会开办。

Career Prospects 就业前景

Graduates can take up the following positions :
毕业生可担任以下职位：

- Green/circular materials consultant
绿色 / 循环材料顾问
- Renewable energy consultant
可再生能源顾问
- Recycling/decarbonization engineer
回收 / 碳减排工程师
- LCA/product sustainability engineer
生命周期评估 / 产品可持续工程师
- Industrial energy systems engineer
工业能源系统工程师
- ESG data engineer
ESG 数据工程师



Entrance Requirements 入学要求

- Holders of a recognised bachelor's degree, or an equivalent qualification in computer science, engineering, business administration or related disciplines.
持有认可的计算机科学、工程学、工商管理学或相关学科学士学位或同等学历。
- Non-degree applicants with professional qualifications and relevant work experience will also be considered.
未持有学士学位但具备专业资格及相关工作经验的申请人亦会被考虑。

For details of entrance requirements, please visit the programme webpage.
入学要求详情，请浏览课程网页。

**For more information,
please contact:
想了解更多，请联络：**

Programme Leader 课程统筹

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Assistant Programme Leader 助理课程统筹

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Enquiries 查询

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