

Master of Science in Vision Science and Innovation

Shaping the Future of Vision Science with Collaboration and Innovation

Entrance Requirements

- A recognised bachelor's degree in one of the following study areas, or equivalent:
 - Optometry; or
 - Healthcare-related professions; or
 - Computer science; or
 - Biomedical engineering; or
 - Product design
- One year of full-time experience in the above disciplines is favourable; and
- Fulfil the English and General Requirements stipulated by PolyU



Aims

- To foster creative solutions and integrate innovative technologies to resolve vision problems
- To address major societal challenges in vision science, eye care, and well-being through cutting-edge research
- To facilitate interdisciplinary collaboration and entrepreneurship in vision science and eye health
- To integrate diverse perspectives and research methodologies to address the complex challenges in vision health

Curriculum Highlight

Curriculum consists of 16-credit compulsory subjects, 9-credit elective subjects and a 6-credit research project, with subject highlight includes:

- Digital Health: Transforming Healthcare through Technology
- Adaptive Technology in Vision Science
- Entrepreneurship in Ophthalmic Industry
- Cutting-edge Investigations in Vision and Biomedical Research
- Medical Artificial Intelligence and Data Analytics
- Optional non-credit internships

Prospects

- Advance career opportunities in:
 - Optometric, ophthalmic, pharmaceutical, healthcare and biomedical industries
 - Research and development roles within technology firms
- Pursue further study in:
 - PhD or Doctor of Optometry (for those with an undergraduate degree in optometry)

Information Seminar Recap



Applications For 2026 Intake

Applications open on 2 July 2025!

- Early applications are strongly encouraged
- Offers will be made on a rolling basis

Deadline

Early Round: 15 Oct 2025
Main Round: 15 Jan 2026

Enquiry

so.mscvsi@polyu.edu.hk

Curriculum



Programme



视觉科学与创新 理学硕士 携手创新 共创视觉科学的 未来

入学资格

- ▶ 持有以下认可的学士学位或同等学历：
 - 眼科视光；或
 - 医疗保健相关专业；或
 - 电脑科学；或
 - 生物医学工程；或
 - 产品设计；及
- ▶ 有一年以上与专业相关的全职工作经验者会获优先考虑；及
- ▶ 符合大学指定之英语及其他要求

目标

- ▶ 推动具创意性的解决方案并整合创新科技，以解决视力问题
- ▶ 通过前沿研究解决视觉科学、眼保健和社会福祉方面的重大社会挑战
- ▶ 促进视觉科学和眼科保健的跨学科合作和创业精神
- ▶ 整合多样化的观点和研究方案，应对视力健康方面的复杂挑战

课程特色

课程包括16学分的必修科、9学分的选修科和6学分的研究项目，其中特色学科包括：

- ▶ 数字医疗：透过技术改变医疗保健
- ▶ 视觉科学中的适应性技术
- ▶ 眼科视光及眼科行业的创业
- ▶ 视觉与生物医科学的前沿研究
- ▶ 医疗人工智能与数据分析
- ▶ 不计学分的实习机会

毕业前景

- ▶ 毕业生将在以下行业获得职业发展机会：
 - 眼科视光、眼科、制药、医疗保健和生物医学行业
 - 科技公司的研发职位
- ▶ 在以下专业继续深造：
 - 哲学博士；或
 - 眼科视光学博士（拥有眼科视光学本科学位的学生）

招生宣讲会回顾



2026年9月入学申请

将于2025年7月2日开始！

- ▶ 强烈建议有意申请者尽早提交申请
- ▶ 入学申请将以滚动录取方式进行审核

申请截止日期

早轮：2025 年 10 月 15 日
主轮：2026 年 1 月 15 日

查询

so.mscvsi@polyu.edu.hk

课程大纲



课程详情

