The Hong Kong Polytechnic University

School of Optometry

MSc in Vision Science and Innovation

**Study Plan Template**

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| --- | --- | --- | --- | --- |
| Name of Applicant: |  |  | Applied Study Mode: | Full-time / Part-time |
| Discipline of Undergraduate Study: |  |  |  |  |

**Tentative Schedule for Full-time Mode** Note 1

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| --- | --- | --- | --- |
|  | **Semester 1** | **Semester 2** | **Summer Term** |
| First Year | Compulsory Subjects:   * **SO5001** Digital Health: Transforming Healthcare Through Technology (3 credits) * **SO5003** Entrepreneurship in Ophthalmic Industry (3 credits) * **SO5005** Quantitative and Qualitative Research Methods (3 credits) * **HTI5T04** Academic Integrity and Ethics (Health and Social Sciences) (1 credit) * **SO5100** Research Project (6 credits)   Elective Subjects:   * <Elective Subject 1> note3 | Compulsory Subjects:   * **SO5002** Adaptive Technology in Vision Science (3 credits) Note2 * **SO5004** Principle and Practice of Ophthalmic Health Care (3 credits) * **SO5100** Research Project (6 credits attained)   Elective Subjects:   * <Elective Subject 2> note3 * <Elective Subject 3> note3 | Optional  1 elective subject may be offered during the Summer Term (TBC) |

**Tentative Schedule for Part-time Mode** Note 1

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|  | **Semester 1** | **Semester 2** | **Summer Term** |
| First Year | Compulsory Subjects:   * **SO5001** Digital Health: Transforming Healthcare Through Technology (3 credits) * **SO5003** Entrepreneurship in Ophthalmic Industry (3 credits) * **SO5005** Quantitative and Qualitative Research Methods (3 credits) | Compulsory Subjects:   * **SO5002** Adaptive Technology in Vision Science (3 credits) * **SO5004** Principle and Practice of Ophthalmic Health Care (3 credits) * **HTI5T04** Academic Integrity and Ethics (Health and Social Sciences) (1 credit)   Elective Subjects:   * <Elective Subject 1> note3 | Optional  1 elective subject may be offered during the Summer Term (TBC) |
| Second Year | Elective Subjects:   * <Elective Subject 2> note3 * <Elective Subject 3> note3   Compulsory Subjects:   * **SO5100** Research Project (6 credits) | Compulsory Subjects:   * **SO5100** Research Project (6 credits attained) |  |

**Notes:**

1. Please remove any unnecessary information and include only the study plan applicable to you in your submission.
2. **Students who lack an academic background in optometry or vision science** are required to take the elective subject **SO5006 before enrolling in** the compulsory subject **SO5002** and the elective subject **SO6006**.
3. This is the **tentative offering pattern for the elective subjects**, which is subject to change from time to time.

Please select **three elective subjects** from the following pools **based on your academic background**, and **input the selected elective subjects into the study plan above**.

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| **Elective Subjects** | **Optometry** | **Healthcare-related** | **Computer science** | **Biomedical engineering** | **Product design** |
| **To be offered in Semester 1 (Tentative)** | | | | | | |
| **SO5006** Advanced Vision Science (3 credits) Note2 |  | ✓ | ✓ | ✓ | ✓ |
| **SO5007** Cutting-edge Investigations in Vision and Biomedical Research (3 credits) | ✓ | ✓ | ✓ | ✓ | ✓ |
| **COMP5511** Artificial Intelligence Concept (3 credits) | ✓ | ✓ |  | ✓ | ✓ |
| **HTI5052** Bioinformatics in Health Sciences (3 credits) | ✓ | ✓ | ✓ | ✓ | ✓ |
| **To be offered in Semester 2 (Tentative)** | | | | | | |
| **SO6006** Visual Neuroscience (3 credits) Note2 | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SO5009** Contemporary Myopia Control and Management (3 credits) | ✓ | ✓ | ✓ | ✓ | ✓ |
| **BME5150** Medical Artificial Intelligence and Data Analytics (3 credits) | ✓ | ✓ | ✓ |  | ✓ |
| **COMP5517** Human Computer Interface (3 credits) | ✓ | ✓ |  | ✓ | ✓ |