

THE UNIVERSITY OF HONG KONG
Master of Science in Engineering in Innovative Design and Technology [MSc(Eng)(IDT)]
Programme Learning Outcomes

University Educational Aims (UEAs)	Proposed MSc(Eng)(IDT) PLOs
UEA1. Critical intellectual enquiry and acquiring up-to-date knowledge and research skills in a discipline / profession.	PLO1 On successful completion of the curriculum, students should understand the fundamental concepts and theories of innovative design with relevant technology, and acquire specialised knowledge to solve problems that are critical to future growth of industry and business.
UEA2. Application of knowledge and research skills to practice or theoretical exploration, demonstrating originality and creativity.	PLO2 On successful completion of the curriculum, students should be able to apply advanced knowledge, analytical skills and reasoning in interdisciplinary fields between innovative design, technology and other appropriate disciplines.
UEA3. Tackling novel situations and ill-defined problems.	PLO3 On successful completion of the curriculum, students should be able to apply and integrate of interdisciplinary knowledge and skills to identify and tackle practical problems, and develop innovations using appropriate tools and techniques.
UEA4. Collaboration and communication of disciplinary knowledge to specialists and the general public.	PLO4 On successful completion of the curriculum, students should demonstrate the ability to present effectively, initiate innovative ideas with other specialists and use specific technical terminology.
UEA5. Awareness of and adherence to personal and professional ethics.	PLO5 On successful completion of the curriculum, students should be able to demonstrate independent and critical thinking ability and appreciate the ethical issues and concerns relevant to the discipline.
UEA6. Enhancement of leadership and advocacy skills in a profession.	PLO6 On successful completion of the curriculum, students should be able to develop a critical awareness of current issues in the global market, and inculcate leadership, professional ethics and competence in entrepreneurship and relevant interdisciplinary fields.