

## THE UNIVERSITY OF HONG KONG

**Master of Science in Engineering in Low-Altitude Technology [MSc(Eng)(LAT)]****Programme Learning Outcomes**

Applicable student cohort(s): The students admitted in Academic Year 2025-26 and thereafter

<b>University Educational Aims (UEAs)</b>	<b>Proposed MSc(Eng)(LAT) PLOs</b>
<b>UEA1.</b> Critical intellectual enquiry and acquiring up-to-date knowledge and research skills in a discipline / profession.	<b>PLO1</b> On successful completion of the curriculum, students should understand the fundamental concepts and theories of low-altitude technology with relevant technology, and acquire specialised knowledge to solve problems that are critical to future growth of industry and business.
<b>UEA2.</b> Application of knowledge and research skills to practice or theoretical exploration, demonstrating originality and creativity.	<b>PLO2</b> On successful completion of the curriculum, students should be able to apply advanced knowledge, analytical skills and reasoning in interdisciplinary fields between materials, propulsion, control, devices and other appropriate disciplines.
<b>UEA3.</b> Tackling novel situations and ill-defined problems.	<b>PLO3</b> On successful completion of the curriculum, students should be able to apply and integrate interdisciplinary knowledge and skills to identify and tackle practical problems, and develop the solutions using appropriate tools and techniques.
<b>UEA4.</b> Collaboration and communication of disciplinary knowledge to specialists and the general public.	<b>PLO4</b> On successful completion of the curriculum, students should demonstrate the ability to present effectively, initiate the ideas with other specialists and use specific technical terminology to enhance public awareness in the related topics through research activities and industrial projects.
<b>UEA5.</b> Awareness of and adherence to personal and professional ethics.	<b>PLO5</b> 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.
<b>UEA6.</b> Enhancement of leadership and advocacy skills in a profession.	<b>PLO6</b> 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.