THE UNIVERSITY OF HONG KONG
SCHOOL OF COMPUTING AND DATA SCIENCE

Major in Computer Science for non-BEng(CompSc) Students: Programme Level Learning Outcomes
(Applicable to students admitted in the academic year 2025-26 and thereafter)

(academic plan: 5U670J)

Programme Level Outcomes	University Educational Aims
Upon successful completion of the programme, students should be able to: (1) apply knowledge of computing and mathematics appropriate to the programme outcomes and to the discipline (2) apply knowledge of a computing specialization, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models (3) analyze a problem, and identify and define the computing requirements appropriate to its solution (4) design, implement, and evaluate a computer-based system, process, component, or programme to meet desired needs with appropriate consideration for public health and safety, social and environmental considerations (7) use current techniques, skills, and tools necessary for computing practice with an understanding of the limitations	**University Educational Aim 1.** • To enable our students to develop their capabilities in pursuit of academic/professional excellence, critical intellectual inquiry and life-long learning
Upon successful completion of the programme, students should be able to: (3) analyze a problem, and identify and define the computing requirements appropriate to its solution (7) use current techniques, skills, and tools necessary for computing practice with an understanding of the limitations	**University Educational Aim 2.** • To enable our students to develop their capabilities in tackling novel situations and ill-defined problems

Programme Level Outcomes	University Educational Aims
Upon successful completion of the programme, students should be able to: To be covered by other courses such as Common Core Courses	**University Educational Aim 3.** • To enable our students to develop their capabilities in critical self-reflection, greater understanding of others, and upholding personal and professional ethics
Upon successful completion of the programme, students should be able to: To be covered by other courses such as Common Core Courses	**University Educational Aim 4.** • To enable our students to develop their capabilities in intercultural communication, and global citizenship
Upon successful completion of the programme, students should be able to: (5) function effectively on teams to accomplish a common goal (6) communicate effectively with a range of audiences	**University Educational Aim 5.** • To enable our students to develop their capabilities in communication and collaboration
Upon successful completion of the programme, students should be able to: (4) design, implement, and evaluate a computer-based system, process, component, or programme to meet desired needs with appropriate consideration for public health and safety, social and environmental considerations (5) function effectively on teams to accomplish a common goal	**University Educational Aim 6.** • To enable our students to develop their capabilities in leadership and advocacy for the improvement of the human condition

February 2025

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