The Hong Kong Polytechnic University
Department of Electronic and Information Engineering

Minor Changes to the BSc (Hons) in Information Security (42480) (BSc in INS)
Programme Curriculum

1. Removing "COMP4134 Biometrics and Security" from and Adding "COMP4433 Data Mining and Data Warehousing" to the BSc in INS Curriculum

The undergraduate degree programmes offered by the Department of Computing (COMP) have gone through a revamping and some of the COMP subjects would be phased out effective from 2019/20 academic year. Among them, "*COMP4134 Biometrics and Security*", which is a 3-credit elective subject offered in Year 2 of the BSc in INS programme, will cease to be offered by the COMP Department from 2022/23 academic year. COMP4134 has thus been removed from the BSc in INS (42480) programme with effect from 2022/23 academic year.

After considering the knowledge and skills that may be of interest to BSc in INS students as well as reviewing the subjects on offer by the COMP Department, the EIE and COMP Departments have identified the 3-credit subject, "*COMP4433 Data Mining and Data Warehousing*" (Appendix I), as an appropriate replacement for COMP4134. COMP4433 aims to equip students with the latest knowledge and skills to create a clean, consistent repository of data within a data warehouse for large corporations; utilize various techniques developed for data mining to discover interesting patterns in large databases; use existing commercial or public-domain tools to perform data mining tasks to solve real problems in business and commerce; and expose to new techniques and ideas that can be used to improve the effectiveness of current data mining tools.

Such changes, i.e. removing the 3-credit elective subject "COMP4134 Biometrics and Security" from and adding the 3-credit subject "COMP4433 Data Mining and Data Warehousing" to the BSc in INS (42480) programme curriculum as an elective subject, are **applicable to all students of the BSc in INS programme (42480) with effect from 2022/23 academic year**.