COMP 7810 Business Intelligence (3,2,1) (E)
Students will learn the methodologies and concepts of business intelligence, including the characteristics, architectures, and development of data warehouses and data marts. After completing the course, the students will understand the features and applications of Online Analytic Processing (OLAP), and identify the different types of OLAP. Emphasis will be placed on the understanding of enabling technologies and their applications to improve business operations and decision making.

COMP 7820 Decision Analysis and Support (3,2,1) (E)
To provide a study of decision analysis and support processes and relevant tools that provide support to such processes. Students will learn the challenges and techniques of decision making in an environment of imperfect and changing information. Both the qualitative and the quantitative aspects of decision analysis and support will be covered.

COMP 7830 Health Informatics (3,3,0) (E)
In this course, students will learn the following: (1) structures, operations and workflow in healthcare organizations, (2) data and data standards in the healthcare industry, (3) information technology in healthcare, and (4) health information systems.

COMP 7840 Management of Medical Visual Data(3,2,1) (E)
In this course, students will learn (1) some fundamental image processing techniques, (2) the characteristics of different types of medical images, (3) the structure and components of visual information management systems, and (4) the architecture and application of picture archiving and communication systems.

COMP 7850 Information Security Management (3,2,1) (E)
This course studies the principles of information security management. The course content is compatible with current industrial standard in information security (e.g. CISSP certification). The students will also learn the current topics and issues in information security management. On completion of the course, students should be able to (1) understand the principles of information security management, (2) acquire the knowledge equivalent to current industrial standard in information security (e.g. CISSP certification), and (3) identify practical information security principles and guidelines with the consideration of legal and privacy issues.

COMP 7870 IT Innovation Management and Entrepreneurship (3,3,0) (E)
The development of information technology and innovations plays an increasingly important role in enhancing the competitiveness of countries, organizations, and individuals. This course prepares students for the technology and information economy by providing the knowledge and skills necessary for innovation management and entrepreneurship. With particular emphasis on information technology-related activities, this course aims to (1) introduce students to the fundamental concepts, practices, opportunities, and challenges related to innovation management and entrepreneurship, (2) provide students with frameworks and tools for the successful management of innovation from idea generation to market exploitation, and (3) stimulate students' interest in entrepreneurship and thus cultivating an entrepreneurial spirit.

COMP 7880 E-Business Strategies (3,3,0) (E)
E-business offers real and abundant opportunities for small, medium and large companies throughout the world. However, success in e-business rarely happens without strategy. This course exposes students to contemporary management thinking, methods, and strategies necessary to effectively build and manage e-business systems. This course aims to; (1) introduce students to the fundamental concepts and approaches of strategic management, (2) provide students with a comprehensive framework for understanding the business models and strategies for e-business, and (3) prepare students to be active participants in formulating and implementing e-business strategies for organizations.

COMP 7890 Dynamic Web Programming (3,2,1) (E)
Prerequisite: Basic knowledge on database and computer programming
This course aims to cover key concepts, technologies and skills on server-side and client-side Web programming, including HTML, CSS, JavaScript, basic server-side scripting language, database connectivity via Web, session management, as well as more advanced topics like AJAX, JavaScript API, Web services, and Web APIs.

COMP 7920 Project Skills in IT Management (1,*,*)
The course provides students with knowledge of and develops their skills in conducting projects in the field of IT management. It also develops students' skill in academic writing and presentation.

COMP 7930 Big Data Analytics (3,2,1) (E)
Prerequisite: Basic knowledge in probability and statistics, basic database concepts
This course aims to introduce the basic knowledge of big data analytics as well as the common data analytics techniques and tools. Furthermore, their potential applications to a variety of domains such as business and health care are shown via case studies.

COMP 7940 Cloud Computing (3,2,1) (E)
This course provides comprehensive and in-depth knowledge of cloud computing concepts and technologies. Topics include cloud computing models, cloud-enabling technology, cloud computing mechanisms, cloud computing architectures, and real-world considerations of working with clouds.

COMP 7950 IT Project Skills (1,*,*) (E)
Student will learn the following skills for undertaking IT projects: (1) information searching skills and citation management, (2) writing skills for IT documentation, and (3) presentation skills. They will also be exposed to different types of IT projects.

COMP 7960 MSc Research I (3,*,*)
Pre/Co-requisite: Either COMP 7920 Project Skills in IT Management or COMP 7950 IT Project Skills
Students will learn how to carry out research under the supervision of academic staff. They will go through the initial phase of the research process: (1) identifying research problems, (2) conducting literature reviews and critically analyzing existing solutions, and (3) reporting the new results in research papers.

COMP 7970 MSc Research II (3,*,*)
Prerequisite: COMP 7960 MSc Research I with grade B+ or above
Students will learn how to carry out research under the supervision of academic staff. They will go through the final phase of the research process: (1) obtaining new results of publishable quality, (2) evaluating the new results and comparing them with the existing ones, and (3) report the new results in research papers.

CRWG 3005/ CRWR 2180 Creative Writing for New Media I (3,3,0) (C)
This course is aimed to train students with the practical skills for writing scripts, especially for E-books, E-magazine, mobile phone films/video and digital radio broadcasting creatively. The general principle in creative writing for new media will be introduced from week 1 to 5. The second part will focus on writing scripts for mobile phone film/video, and digital radio broadcasting. A new way of interactive storytelling, creative mindset and grammar are highly emphasized.

CRWG 3015/ CRWR 2210 Television Writing Workshop I (3,3,0) (C)
This course will train students in professional scriptwriting for different TV programmes like Talk Show, Late Night Show,