

COMP 7850 Information Security Management (3,2,1)

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)

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-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 7930 Big Data Analytics (3,2,1)

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, finance/banking industry, and health care are shown via case studies.

COMP 7940 Cloud Computing (3,2,1)

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,*,*)

Student will learn and master information searching skills and writing skills and presentation skills for undertaking IT projects.

COMP 7960 MSc Research I (3,*,*)

Pre/Co-requisite: COMP 7950 IT Project Skills

Each student is required to work on an academic research project independently under the supervision of an academic staff. After completing the research projects, students will submit written research papers and present their research results. Each project will be assessed by the supervisor and one observer on four aspects: (i) project management and progress, (ii) methodologies and results, (iii) paper writing, and (iv) oral presentation. Through these research projects, students will learn and practise how to

identify research problems, conduct literature reviews, criticize and analyze existing solutions, propose and evaluate new solutions, write and present research papers.

COMP 7970 MSc Research II (3,*,*)

Prerequisite: COMP 7960 MSc Research I with grade B+ or above

Each student is required to work on an academic research project independently under the supervision of an academic staff. After completing the research projects, students will submit written research papers and present their research results. Each project will be assessed by the supervisor and one observer on four aspects: (i) project management and progress, (ii) methodologies and results, (iii) paper writing, and (iv) oral presentation. Through these research projects, students will practise how to carry out independent research, propose and evaluate new solutions, write and present research papers.

COMP 7980 Dynamic Web and Mobile Programming (3,2,1)

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 and mobile programming, including HTML, CSS, JavaScript, basic server-side scripting language, database connectivity and session management. Through this course, students will learn how to develop Web and mobile applications with dynamic and interactive contents.

CRWG 3005 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 3006 Introduction to Film and New Media (3,3,0)

This course introduces students to the fundamentals of film and new media as the modern media forms and meaning-making entities in the era of media convergence. The course consists of two modules. The first module considers film as an art and cinematic practices by which viewers make sense of images and stories on screen. It provides a critical introduction to the basic film elements and critical approaches of film. The second module will engage students with an understanding of new media with a range of phenomena that underpin the critical discussions in the new media age. It will examine an array of key themes that preoccupied new media scholars, for example, identity, intelligence, ownership, surveillance, digital narrative by stressing on the Web-based entities such as blogs, online social networks, video-sharing sites, etc. Students will learn how new media serve as a tool for creative expression and cultural production that mediate the everyday interactions.

CRWG 3015 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, Reality TV, Children's Programme and TV News Magazine Show with Sit-com as the main focus. At the end of the course students will be able to write Sit-com scripts.

CRWG 3016 Television Writing Workshop II (3,3,0) (C)

This course will train students in professional scriptwriting for TV drama series and Made-for-TV movies. At the end of the course students will be able to write scripts for TV dramas.