

**Bachelor of Engineering (Honours) in
e-Logistics and Technology Management
Student Handbook (2014-2015)**

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1. AIMS OF MAJOR

This Major aims to equip students with analytical, technical, managerial, and behavioural skills / knowledge in aspects of contemporary logistics and related technology in order to prepare them to play key professional and managerial roles in the global logistics industry amidst increasing and evolving challenges. Students will acquire a broad understanding of the concepts, techniques and tools in the subject domain to enable them to identify and tackle diverse problems with effective use of appropriate computing systems, technology and solutions in the logistics and related sectors.

Intended Learning Outcomes of Major (MILOs)

In CityU's Proposed Curriculum Structure of the 4-year Degree (VPUE), our "ideal graduates" are considered to be *adaptive, resilient, and team-oriented*. *They are competent professionals who combine rich professional knowledge with the broader skills and poise required for career success and leadership in the community.*

In this context, "ideal" BENG eLTM graduates should possess attributes as follows:

- Qualified competent professionals
- Proficient communicators, equipped with knowledge of a range of disciplines and skills, computer literacy and language proficiency
- Able to think quantitatively and analyze problems critically
- Confident to work in an international and culturally diverse environment and to take up broad responsibilities in the community
- Able and willing to continue to learn
- Able to appreciate the wider world of scholarship, and their own culture and history

BENG eLTM graduates are expected to attain specific Major Intended Learning Outcomes (MILOs) of being able to:

1. Apply knowledge of mathematics, science and engineering in the subject domain
2. Demonstrate inter-disciplinary knowledge and skills in logistics engineering and computing technology needed to cope with the dynamic nature of the industry
3. Function efficiently and effectively in multi-disciplinary teams
4. Design systems, components, or processes to meet desired needs within realistic constraints
5. Identify, formulate, solve logistics / systems / business problems, and undertake projects of discovery and innovation
6. Reflect the professional and ethical responsibility of their work
7. Communicate effectively
8. Explain the impact of systems, logistics and engineering solutions in a global, economic, environmental and societal context
9. Recognise the need for and an ability to engage in life-long learning
10. Stay abreast of contemporary issues
11. Apply appropriate systems / logistics concepts, techniques, skills and tools in engineering and professional practice

2. DEGREE REQUIREMENT

2.1 Minimum Number of Credit Units Required for the Award

Normative 4-year degree (Minimum credit units for graduation: 120; Maximum credit units permitted for students: 144)	Advanced Standing I (Note 1) (Minimum credit units for graduation: 90; Maximum credit units permitted for students: 114)	Advanced Standing II (Senior-year Entry) (Note 2) (Minimum credit units for graduation: 60; Maximum credit units permitted for students: 84)
120 Gateway Education: 30 College Requirements: 15 Major Requirements: 75 (Core 60 + Elective 15)	96 Gateway Education: 21 College Requirements: waived Major Requirements: 75 (Core 60 + Elective 15)	63 Gateway Education: 12 College Requirements: waived Major Requirements: 51 (Core 42 + Elective 9)

Note 1: For students with recognised Advanced Level Examinations or equivalent qualifications.

Note 2: For Associate Degree/Higher Diploma graduates admitted to the senior year.

2.2 Gateway Education (Please refer to http://www.cityu.edu.hk/edge/ge/ge_requirements_new.htm.)

	Normative 4-year Degree	Advanced Standing I (Note 1)	Advanced Standing II (Senior-year Entry) (Note 2)
English	6 credit units • GE1401 University English (3 CUs); and • Discipline-specific English (3 CUs)	6 credit units • GE1401 University English (3 CUs); and • Discipline-specific English (3 CUs)	3 credit units • Discipline-specific English (3 CUs)
GE1501 Chinese Civilisation – History and Philosophy	3 credit units	3 credit units	Not compulsory requirement
Area requirements: Area 1: Arts and Humanities Area 2: Study of Societies, Social and Business Organisations Area 3: Science and Technology	21 credit units (A minimum of 3 credit units from each of the three areas)	6 credit units	3 credit units
College/School-specified Courses	N/A	6 credit units [MA1200 Calculus and Basic Linear Algebra I and one 3-CU course not within the Major Requirement (including core courses and electives)]	6 credit units [Any courses not within the Major Requirement (including core courses and electives)]

2.3 Chinese Language Requirement

From 2012 cohort onwards, students are required to satisfy the Chinese Language Requirement as follow:

(i)	Students with an HKDSE score below 4 in Chinese, or an HKALE AS Chinese Language and Culture score below D	CHIN1001 University Chinese I*
(ii)	Students with an HKDSE score of 4 or above in Chinese or an HKALE AS Chinese Language and Culture score D or above, or those who have successfully completed CHIN1001 University Chinese I	No requirement
(iii)	Students whose qualifications do not fall within (i) and (ii) above	No requirement

*The 3 credit units of *CHIN1001 University Chinese I* will NOT be counted towards the minimum credit units required for graduation and will NOT be included in the calculation of CGPA.

2.4 College/School Requirement, if any

Students of the College of Science and Engineering are required to earn 15 CU in fulfilment of the College requirements.

Course Code	Course Title	Level	Credit Units	Remarks
Normative 4-year Degree				
Mathematics (6 credit units)				
MA1200 / MA1300	Calculus and Basic Linear Algebra I / Enhanced Calculus and Linear Algebra I	B1	3	
MA1201 / MA1301	Calculus and Basic Linear Algebra II / Enhanced Calculus and Linear Algebra II	B1	3	
Computing (3 credit units)				
CS1102 / CS1302	Introduction to Computer Studies / Introduction to Computer Programming	B1	3	
Science (6 credit units) <i>Choose two from the following three subject areas:</i>				
<i>Physics</i>				
AP1201	General Physics I /	B1	3	
<i>Chemistry</i>				
BCH1100	Chemistry	B1	3	
<i>Biology</i>				
BCH1200	Discovery in Biology	B1	3	
Advanced Standing I (Note 1)				
College Requirements waived.				
Advanced Standing II (Senior-year Entry) (Note 2)				
College Requirements waived.				

2.5 Major Requirement (75 credit units)

2.5.1 Core Courses (60 credit units)

18 credit units are waived for students admitted into Advanced Standing II including courses CS2204, CS3270, CS3282, CS3402, MBE2016 and MBE3066.

Course Code	Course Title	Level	Credit Units	Remarks
CS2204	Fundamentals of Internet Applications Development	B2	3	Waived for students admitted into ASII
CS2360	Java Programming	B2	3	
CS3270	Fundamentals of Computer Networks and the Internet	B3	3	Waived for students admitted into ASII
CS3282	E-Commerce Technology	B3	3	Waived for students admitted into ASII
CS3354	Software Engineering	B3	3	
CS3371	E-Logistics Application System	B3	3	
CS3372	Enterprise Systems Development	B3	3	
CS3402	Database Systems	B3	3	Waived for students admitted into ASII Replace CS3462
MA2172	Applied Statistics for Sciences and Engineering	B2	3	
MBE2016	Engineering Graphics	B2	3	Waived for students admitted into ASII
SEEM2037	Introduction to Logistics Industry	B2	3	
SEEM3020	Engineering Economic Analysis	B3	3	
SEEM3027	Logistics and Materials Management	B3	3	
SEEM3056	Engineering Management Principle and Practice	B3	3	
MBE3066	Material Handling and Tracking Technologies Workshop	B3	3	Waived for students admitted into ASII
SEEM4026	Systems Modelling and Simulation	B4	3	
SEEM4051	Facilities and Distribution Management	B4	3	
SEEM4066	Professional Engineering Practice	B4	3	
JC4001 /	Project (e-Logistics and Technology Management) /	B4	6	
SEEM4116 /	Capstone Project II	B4	6	
FS4004*	Overseas Research Internship Scheme	B4	9	Students who have passed FS4004 can take one elective less to fulfill the major requirement.

* Students who have opted for FS4001 cannot register for FS4004.

2.5.2 Electives (15 credit units)

6 credit units are waived for students admitted into Advanced Standing II including courses SEEM3060 and SEEM4055.

Course Code	Course Title	Level	Credit Units	Remarks	Group
CS3356	Managing Software Projects	B3	3		Group 1: e-Logistics <i>Must earn at least 6 credit units in this group</i>
CS3481	Fundamentals of Data Science	B3	3		
CS3382	Web Usability Design & Engineering	B3	3		
CS3483	Multimodal Interface Design	B3	3		
CS4280	Advanced Internet Applications Development	B4	3		
CS4284	Mobile Computing	B4	3		
CS4286	Internet Security and E-Commerce Protocols	B4	3		
CS4290	Digital Media and Rights Management	B4	3		
CS4295	Mobile Application Programming	B4	3		
CS4384	Data Analysis and Modelling Application Development	B4	3		
CS4482	Advanced Database Systems	B4	3		
CS4485	Information Retrieval	B4	3		
SEEM3034	Work Design	B3	3		Group 2: Logistics and Technology Management <i>Must earn at least 6 credit units from B4 level courses in this group</i>
SEEM3057	Industrial Marketing for Engineers	B3	3		
SEEM3060	Operations Research	B3	3	Waived for students admitted into ASII	
SEEM3062	Quality Engineering I	B3	3		
SEEM4024	Project Management	B4	3		
SEEM4031	Management of Technological Innovation	B4	3		
SEEM4043	Global Operations Management	B4	3		
SEEM4047	Directed Studies	B4	3	only for special occasions	
SEEM4052	Container and Air Cargo Management	B4	3		
SEEM4055	Aviation Management	B4	3	Waived for students admitted into ASII	
SEEM4056	Airport Safety, Security and Business Continuity Management	B4	3		
LW4636	Sea Carriage Law	B4	3		
SEEM3116	Capstone Project I	B3	3		Group 3: Capstone Project I

2.6 Optional Courses

Course Code	Course Title	Credit Units	Remarks
FS4001	Co-operative Education Scheme (CES)	8	Internship (8 to 12 months)
FS4002	Industrial Attachment Scheme (IAS)	3	Internship (9 to 12 weeks)

2.7 Classification of Award

Classification	CGPA
1 st Class	CGPA 3.5 or above
2 nd Upper	CGPA 3.00 – 3.49
2 nd Lower	CGPA 2.50 – 2.99
3 rd Class	CGPA 2.00 – 2.49
Pass	CGPA 1.70 – 1.99

3. ACADEMIC REGULATIONS AND GUIDELINES

Students should observe the University's academic regulations and guidelines at all times. More information can be available by referring to the following websites maintained by the Academic Regulations and Records Office (ARRO).
ARRO Homepage: <http://www.cityu.edu.hk/arro/>.

4. ACADEMIC HONESTY

Academic honesty is central to the conduct of academic work. Students are responsible for knowing and understanding the Rules on Academic Honesty. To enhance students' understanding on academic honesty, all students are required to complete a tutorial on academic honesty and make a declaration on their understanding of this core academic principle online on or before **30 November 2014** in order to access their course grades. For details, please refer to ARRO website: http://www.cityu.edu.hk/provost/academic_honesty/.

5. COMMUNICATIONS

Listed below are the normal channels of communication between students and courses / major / department :

- a) Students having difficulties in a course of study should first talk to the course teacher concerned.
- b) A student who wishes to discuss the overall organization of the major should speak to the Major Programme Leader.
- c) A student who wishes to discuss issues on a particular part of the major should speak to the relevant Major Programme Year Tutor.
- d) The major's Joint Staff & Student Consultative Committee helps to facilitate consultation and communication. A student from each entry cohort will be elected to sit in the Committee.
- e) In addition, a student from each entry catalog term will be elected to sit in the Major Programme Committee which meets every semester to discuss major-related matters.
- f) Students should feel free to approach their respective academic advisors for advice regarding their study plan or personal and career development.

6. MAJOR PROGRAMME LEADER AND YEAR TUTORS

<u>Position</u>	<u>Staff Name</u>	<u>Tel/Email</u>
Major Programme Leader: (Department of SEEM)	Dr. Richard Y. K. FUNG	3442-8413 / meykfung@cityu.edu.hk
Deputy Major Programme Leader: (Department of SEEM)	Prof. C. Y. DANG	3442-8429 / mecdang@cityu.edu.hk
Deputy Major Programme Leader: (Department of CS)	Dr. LI Minming	3442-9538 / minming.li@cityu.edu.hk
Year Tutors:		
Year 1 (Common First Year)	Dr. LI Minming (CS)	3442-9538 / minming.li@cityu.edu.hk
Year 2	Dr. Richard Y. K. FUNG	3442-8413 / meykfung@cityu.edu.hk
Year 3	Prof. C. Y. DANG (SEEM)	3442-8429 / mecdang@cityu.edu.hk
Year 4	Dr. Ken H. K. YAU(SEEM)	3442-6158 / honkyau@cityu.edu.hk

7. INFORMATION TO NEW STUDENTS

7.1 How to access your Personal Class Schedule

- i) Go to <http://www.cityu.edu.hk> from any terminal on campus or off campus.
- ii) Click “Students” and then log onto “e-Portal/Blackboard”.
If you have problems in logging in, please follow the instructions in “Having problems logging in?”.
- iii) Select “View Student Schedule” under the “Courses I am taking” box.
- iv) Press the “View Detail Schedule” button at the bottom of your timetable to display details of your class schedule.

7.2 How to get Instructors’ handouts through Blackboard

- i) Log onto the CityU e-Portal from any terminal on campus or off campus.
- ii) Enter the course under “My Courses”
- iii) Click “Current Semester Courses” or “Other Courses”.

7.3 How to check Major Programme Requirement and Course Syllabuses

Log onto the CityU home page and click “Academic Programme”.

7.4 Course Registration for Semester A 2014-2015

For Semester A 2014-2015, students will be pre-registered in required courses and major electives in most cases if possible.

- i) The date for release of your class schedule is **29 July 2014**. Please check your curriculum requirements, review your study plan and then make appropriate adjustments to your pre-registered courses.

- ii) Add/Drop of courses can be made through AIMS for web-enabled courses during the web registration period. For non-web-enabled courses, approval is required from the major department and you can submit your change request by using the Add/Drop Form.

How to do the Add/ Drop:

- Go to <http://www.cityu.edu.hk> from any terminal on campus or off campus and click “Students”.
- Log onto “AIMS” and then click “Course Registration”.
- Choose “Add or Drop Classes”.

- iii) Web registration begins on **18 August 2014** but you need to check your time ticket first from “AIMS”.
- iv) All add/drops end on **8 September 2014**.
- v) Detailed arrangements on Course Registration for Semester A 2014-2015 will be posted by **4 August 2014**. For details, please refer to ARRO website: <http://www.cityu.edu.hk/arro/crsreg/>.

7.5 How to access your Student Email Account

- i) Go to <http://www.cityu.edu.hk> from any terminal on campus or off campus, then point to “**Quick Links**” at the top and click “**Email**”.
- ii) In the Email Services home page, click “**@my.cityu.edu.hk**” under “**Student**” to go to CityU “**Office 365**” Sign In page.
- iii) At the “**Account:**” field in the Sign In screen, enter your Office 365 account in the form of “*YourEID-c*”, where *YourEID* is your CityU Electronic ID.
- iv) At the “**Password:**” field, enter your Office 365 Account password, then click “**Log On**”.
- iv) Then you can read and compose mail after signing in.

Important note:

For email communication:
please state your *student name, number and contact telephone number*.

7.6 Course Exemption

Applications for course exemption must be made before the first semester of the student’s admission. Students granted course exemption are required to take other courses to make up the credits required for fulfilling the award requirements. For Semester A 2014-2015, the application period is from **15 July 2014 to 30 August 2014**. For details, please refer to ARRO website: <http://www6.cityu.edu.hk/arro/content.asp?cid=10>.

7.7 Safety Orientation

All students are REQUIRED to complete the on-line Safety Orientation through the Departmental On-line Information System (IntraMEL). A Lab Tour session will be held by the Laboratory Office in week 1 of Semester A 2014-15 for interested students. Details of the session will be sent to you by e-mail.

7.8 Administrative Support from General Offices

Department of Systems Engineering and Engineering Management (SEEM)

SEEM General Office

Location: Room P6600, Purple Zone, Level 6
Academic 1, (Lift 1)

Normal

Mon to Fri 8:30am to 5:30 pm
Lunch Break 12:30pm to 1:45pm
Sat Closed

Extended Office Hours to Facilitate ADD/DROP

(During the Web Registration Periods of Semester A & B)

Mon to Fri 8:30 am to 6:30 pm
Lunch Break 12:30pm to 1:45pm
Sat 9:00am to 12:00 noon

Inquiry: 3442-9321
Fax: 3442-0173
Email: seemgo@cityu.edu.hk

Department of Computer Science (CS)

Useful Web Sites

Department of Computer Science:
<http://www.cs.cityu.edu.hk>

Computer Science Laboratory:
<http://www.cs.cityu.edu.hk/cslab>

CS General Office

Location: Room Y6302, Yellow Zone, Level 6
Academic 1, (Lift 9)
Enquiries: 3442-8580
Fax: 3442-0503
E-mail: csadm@cityu.edu.hk
Locker: No. 50 (outside the Department of Computer Science)
Office Hours: Monday – Friday
9:00 a.m. – 12:30 p.m.
1:45 p.m. – 6:30 p.m.

Laboratories

Location: First Floor, Second Floor & Third Floor
Mong Man-Wai Building (Lift 18)
Enquiries: 3442-8689 or 3442-9496