

HONG KONG METROPOLITAN UNIVERSITY

Regulations for the degree of Bachelor of Computing and Bachelor of Computing with Honours in Internet Technology

1. General

- 1.1 These regulations are made under paragraphs 1 to 4 of the Regulations for the Award of Undergraduate Degrees.
- 1.2 In these regulations definitions shall apply as in the Regulations for the Award of Undergraduate Degrees and in the Interpretation Section of the Academic Rules and Regulations.

2. Entry Requirements

- 2.1 To enter the **Bachelor of Computing** programme through Pathway 1 or the **Bachelor of Computing with Honours in Internet Technology** through Pathway 1, a student shall normally possess a recognized Associate Degree or Higher Diploma (or equivalent) in a directly computing related area from a local tertiary institution recognized by the University.

3. Bachelor of Computing (BCOMP)

- 3.1 To be eligible for the award of the degree of **Bachelor of Computing**, a student shall:
 - 3.1.1 comply with the Regulations for Admission, Registration and Maintenance of Status; and
 - 3.1.2 comply with the Regulations for the Award of Undergraduate Degrees; and
 - 3.1.3 obtain at least 120 credits of which no more than 40 credits shall be obtained at Foundation level; and
 - 3.1.4 obtain at least 100 credits in courses prescribed by regulations as appropriate to the degree, including at least 20 credits in courses at Higher level.
 - 3.1.5 successfully complete the prescribed programme of studies.
- 3.2 For the degree of **Bachelor of Computing**, the University has prescribed that a student must:
 - 3.2.1 successfully complete 20 credits from courses at Foundation level, including 10 credits from courses labelled FD and 10 credits from courses labelled FE in Table 1; and
 - 3.2.2 successfully complete 70 credits from courses labelled CD in Table 1; and
 - 3.2.3 obtain 10 credits from courses labelled EL or IT in Table 1; and
 - 3.2.4 successfully complete additional courses as necessary, from any Foundation, Middle or Higher level courses offered by the University, provided that, of the total 120 credits, no more than 40 are gained at Foundation level.

4. Bachelor of Computing (through Pathway 1) (BCOMP1)

- 4.1. To be eligible for the award of the degree of **Bachelor of Computing**, a student who entered the programme through Pathway 1 shall:

- 4.1.1 comply with the Regulations for Admission, Registration and Maintenance of Status; and
 - 4.1.2 comply with the Regulations for the Award of Undergraduate Degrees; and
 - 4.1.3 obtain at least 40 credits in courses prescribed by the regulations as appropriate to the degree for which notice has been given.
- 4.2 For the degree of **Bachelor of Computing**, the University has prescribed that a student who entered the programme through Pathway 1 must:
- 4.2.1 successfully complete 30 credits from courses labelled CD in Table 1 of which 20 credits must be at Higher level; and
 - 4.2.2 obtain 10 credits from courses labelled EL or IT in Table 1.

5. Bachelor of Computing with Honours in Internet Technology (BCOMP HIT)

- 5.1 To be eligible for the award of the degree of **Bachelor of Computing with Honours in Internet Technology**, a student shall:
- 5.1.1 comply with the Regulations for Admission, Registration and Maintenance of Status; and
 - 5.1.2 comply with the Regulations for the Award of Undergraduate Degrees; and
 - 5.1.3 obtain at least 160 credits of which no more than 40 credits shall be obtained at Foundation level; and
 - 5.1.4 obtain at least 40 credits in courses at Higher level; and
 - 5.1.5 successfully complete the prescribed programme of studies.
- 5.2 For the degree of **Bachelor of Computing with Honours in Internet Technology**, the University has prescribed that a student must:
- 5.2.1 successfully complete 20 credits from courses at Foundation level, including 10 credits from courses labelled FD and 10 credits from courses labelled FE in Table 1; and
 - 5.2.2 successfully complete 70 credits from courses labelled CD in Table 1; and
 - 5.2.3 obtain 10 credits from courses labelled EL or IT in Table 1; and
 - 5.2.4 successfully complete 40 credits from courses labelled IT with at least 20 credits at Higher level in Table 1; and
 - 5.2.5 successfully complete 20 more credits from any Foundation, Middle, or Higher level courses offered by the University, provided that, of the total 160 credits, no more than 40 are gained at Foundation level.

6. Bachelor of Computing with Honours in Internet Technology (through Pathway 1) (BCOMP HIT1)

- 6.1 To be eligible for the award of the degree of **Bachelor of Computing with Honours in Internet Technology**, a student who entered the programme through Pathway 1 shall:
- 6.1.1 comply with the Regulations for Admission, Registration and Maintenance of Status; and

- 6.1.2 comply with the Regulations for the Award of Undergraduate Degrees; and
- 6.1.3 successfully complete the prescribed programme of studies.
- 6.2 For the degree of **Bachelor of Computing with Honours in Internet Technology**, the University has prescribed that a student who entered the programme through Pathway 1 must:
- 6.2.1 successfully complete 40 credits from courses labelled CD in Table 1 of which 30 credits must be at Higher level; and
- 6.2.2 successfully complete 30 credits from courses labelled IT in Table 1 of which at least 20 credits must be at Higher level; and
- 6.2.3 obtain a further 10 credits from courses labelled EL or IT in Table 1.
7. Each degree with Honours shall be conferred with a classification of First Class, Second Class (Upper Division), Second Class (Lower Division) and Third Class save that exceptionally a degree may be conferred without classification.
8. Subject to the requirements of the relevant programme of study, each person on whom an Honours degree is to be conferred shall be assigned to a classification determined by the University according to its regulations.
9. For the calculation of scores for classification purposes in the degree of **Bachelor of Computing with Honours in Internet Technology**, the University has deemed that "Group (a)" shall consist of the best 20 credits in courses labelled CD in Table 1 at Higher level plus the best 20 credits in courses at Higher level listed in Table 1, and that "Group (b)" shall consist of the best 40 credits in courses at Higher or Middle level listed in Table 1, where such credits are not taken into account in "Group (a)". Further, that "X" shall equal two, that is "Group (a)" shall be weighted at twice the value of "Group (b)". (Refer to the paragraphs on Classification of the Degree with Honours of the Regulations for the Award of Undergraduate Degrees.)

Table 1: Courses currently on offer (Phased out courses that can be counted towards the degree are listed in note 5)

Course Code	Course Title	Credits	BCOMP / BCOMP HIT	Honours Classification Group
<i>Foundation level</i>				
BUS B103 ^{1,4}	English and Communications for Business I	5	FE	--
ENGL E110 ^{1,4}	English for Effective Communication I: Listening and Speaking	5	FE	--
ENGL E120 ^{1,4}	English for Effective Communication I: Reading and Writing	5	FE	--
IT E150 ¹	Information Technology for Learning	5	FE	--
IT E150C ¹	Information Technology for Learning	5	FE	--
IT S101	Introduction to Information and Communications Technology	10	FD	--
IT S123	Introduction to Internet Services and Applications	10	FE	--

Course Code	Course Title	Credits	BCOMP / BCOMP HIT	Honours Classification Group
MATH S121 ^{1,4}	A Foundation in Pure Mathematics	10	FE	--
<i>Middle level</i>				
COMP S201 ^{1,4}	Computing Fundamentals with Java	10	CD	b
COMP S258	Computer Programming and Problem Solving	10	CD	b
COMP S260 ¹	Computer Architecture and Operating Systems	10	CD	b
COMP S263 ⁴	Discrete Structures	10	CD	b
ELEC S211	Fundamentals of Communications Technology	10	EL	b
IT S234	Web Site Design	10	EL	b
<i>Higher level</i>				
BIS B423 ¹	Data Warehousing and Knowledge Management	10	IT	a or b
COMP S311 ^{1,2}	Advanced Java Programming and Mobile Application Development	10	CD	a or b
COMP S356 ^{1,2}	Software Engineering and Project Management	10	CD	a or b
COMP S359 ^{1,2}	Relational Databases: Theory and Practice	10	CD	a or b
COMP S368 ¹	Networks and Distributed Systems	10	IT	a or b
COMP S450 ¹ / COMP S451 ¹	Applied Computing Project	10	IT	a or b
COMP S491 ¹	Machine Learning and Applications	10	IT	a or b
COMP S333F ³	Advanced Programming and Problem Solving	5	IT	a or b
COMP S362F ^{1,3}	Concurrent and Network Programming	5	IT	a or b
COMP S363F ^{1,3}	Distributed Systems and Parallel Computing	5	IT	a or b
COMP S380F ³	Web Applications: Design and Development	5	IT	a or b
COMP S381F ³	Server Side Technologies and Cloud Computing	5	IT	a or b
COMP S382F ³	Data Mining	5	IT	a or b
COMP S390F ³	Creative Programming for Games	5	IT	a or b
COMP S492F ³	Machine Learning	5	IT	a or b
COMP S412F ^{1,3}	Digital Multimedia	5	IT	a or b
COMP S413F ^{1,3}	Application Design and Development for Mobile Devices	5	IT	a or b
ELEC S321	Internet Technology for Business Applications	10	IT	a or b
ELEC S332	Computer Networks	10	IT	a or b
ELEC S305F ³	Computer Networking	5	IT	a or b
ELEC S363F ³	Advanced Computer Design	5	IT	a or b
ELEC S425F ³	Computer and Network Security	5	IT	a or b
TC S319 ^{1,4}	Quality Management for Science and Technology	5	EL	a or b

Course Code	Course Title	Credits	BCOMP / BCOMP HIT	Honours Classification Group
TC S409 ^{1,4}	Safety and Reliability for Science and Technology	5	EL	a or b

Notes:

1. This course forms an excluded combination with other course(s). Only one of the courses in the [excluded combination](#) can be counted towards an HKMU award. Students should refer to the list of [excluded combinations](#) for details.
2. 20 credits from compulsory courses at Higher level (labelled CD) must count in "Group (a)" for Honours classification purposes.
3. Courses presented in full-time face-to-face mode are not available for students to take in the distance learning mode. Students who have successfully completed these courses may count these courses towards the BCOMP and BCOMP HIT for graduation.
4. The following phased out courses are no longer available. Students who have successfully completed any of these courses can have the credits awarded for the phased out course(s) counted towards the BCOMP/BCOMP HIT programme, and are deemed to have completed corresponding replacement course(s), if any, subject to the requirements of relevant regulations.

Table 2: Phased out courses

Phased out Courses			Replacement courses			Label in BCOMP/ BCOMP HIT	Honours Classification Group	Note
Course Code	Course Title	Course credits	Course Code	Course Title	Course credits			
BUS B100	Business Communication	5	BUS B103	English and Communications for Business I	5	FE	N/A	--
ENGL E100	English for Effective Communication I	10	ENGL E110	English for Effective Communication I: Listening and Speaking	5	FE	N/A	--
			ENGL E120	English for Effective Communication I: Reading and Writing	5	FE	N/A	--
IT L150	Foundations in Microcomputing and WWW	5	No replacement			FE	N/A	--
MATH S111	A Foundation in Pure Mathematics	10	MATH S121	A Foundation in Pure Mathematics	10	FE	N/A	--
COMP S210	Computing Fundamentals	10	COMP S201	Computing Fundamentals with Java	10	CD	b	--
ENGG S238	Quality and Reliability	10	SCI S319/ TC319	Quality Management for Science and Technology	5	EL	a or b	--
			SCI S409/ TC S409	Safety and Reliability for Science and Technology	5	EL	a or b	--

Phased out Courses			Replacement courses			Label in BCOMP/BCOMPHIT	Honours Classification Group	Note
Course Code	Course Title	Course credits	Course Code	Course Title	Course credits			
BIS B322	Networking Applications and Electronic Commerce	10	No replacement			IT	a or b	--
COMP S358	Relational Databases	10	COMP S359	Relational Databases: Theory and Practice	10	CD	a or b	--
COMP S411	Advanced Topics in Computing: Digital Multimedia and Mobile Game Development	10	No replacement			IT	a or b	--
ELEC S396	Artificial Intelligence for Technology	10	No replacement			IT	a or b	--
MATH S261	Mathematics in Computing	10	COMP S263	Discrete Structures	10	CD	b	--
SCI S319	Quality Management for Science and Technology	5	TC319	Quality Management for Science and Technology	5	EL	a or b	1
SCI S409	Safety and Reliability for Science and Technology	5	TC S409	Safety and Reliability for Science and Technology	5	EL	a or b	1

Note to Table 2:

1. Change of course code

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