

THE OPEN UNIVERSITY OF HONG KONG

Programme Requirements for Bachelor of Science with Honours in Computer Engineering (BSCHCEF3)

To be eligible for the award of the **Bachelor of Science with Honours in Computer Engineering**, a student shall obtain the required number of credits specified below for the Year of entry, in courses prescribed and detailed on the programme table.

Year 3 Entry

A student admitted to the programme through Year 3 Entry needs to complete a total of 80 credits of core courses in Table 1.

Table 1: Core Courses

Course Code	Course Title	Credits	Course Level	Course Group for Honours Classification
COMP S266F ¹	Computer Architecture	5	Middle	b
COMP S267F ¹	Operating Systems	5	Middle	b
COMP S350F ²	Software Engineering	5	Higher	a or b
COMP S351F ²	Software Project Management	5	Higher	a or b
ELEC S304F	Communication Systems	5	Higher	a or b
ELEC S305F ¹	Computer Networking	5	Higher	a or b
ELEC S315F ¹	Routing and Switching Technologies	5	Higher	a or b
ELEC S326F ¹	Mobile Application Development	5	Higher	a or b
ELEC S337F ¹	Digital Signal Processing	5	Higher	a or b
ELEC S338F	Digital Communication	5	Higher	a or b
ELEC S347F ¹	Multimedia Technologies	5	Higher	a or b
ELEC S363F ¹	Advanced Computer Design	5	Higher	a or b
ELEC S411F	Electronic and Computer Engineering Project	10	Higher	a
ENGG S328F	Engineering Professional Practice	5	Higher	b
TC S319F	Quality Management for Science and Technology	5	Higher	a or b

Note:

1. *COMP S260F, ELEC S332F, ELEC S333F and ELEC S334F have been replaced by the following courses:*

<i>Old Courses (offered before September 2014)</i>	<i>Replacement Courses</i>
<i>COMP S260F (10-credit)</i>	<i>COMP S266F (5-credit) COMP S267F (5-credit)</i>
<i>ELEC S332F (10-credit)</i>	<i>ELEC S305F (5-credit) ELEC S315F (5-credit)</i>
<i>ELEC S333F (10-credit)</i>	<i>ELEC S363F (5-credit) ELEC S326F (5-credit)</i>
<i>ELEC S334F (10-credit)</i>	<i>ELEC S337F (5-credit) ELEC S347F (5-credit)</i>

If students have successfully completed COMP S260F, ELEC S332F, ELEC S333F and ELEC S334F, they are deemed to have satisfied the requirements of Bachelor of Science in Computer Engineering programme.

2. *COMP S356F has been split into COMP S350F and COMP S351F. If students have successfully completed COMP S356F, they are deemed to have satisfied the requirements of COMP S350F and COMP S351F.*

Honours Classification

For the calculation of scores for classification purposes, relevant courses are categorized as Group (a) or Group (b) as shown in Table 1.

- (1) Group (a) courses consist of ELEC S411F (10 credits) and the best 30 credits from the remaining Higher Level courses listed in Table 1.
- (2) Group (b) courses consist of the best 40 credits in courses at the Higher or Middle Level listed in Table 1, where such credits are not taken into account in Group (a) courses.
- (3) Group (a) is weighted at twice the value of Group (b).

Last update: July 2020