

**Accreditation Notes of the
List of Engineering Degree Programmes Accredited by the HKIE as at 17 April 2018
(Washington Accord)**

General Notes:

* The HKIE adopts the “Intake year” basis, i.e. a programme is accredited up to the students intake of a particular year, normally in the September of that year.

** Currently, no distance learning programmes have been accredited or recognised by the HKIE.

*** FT = Full time mode

PT = Part time mode

SW = Sandwich mode

Provisional = Accredited provisionally until the first cohort of graduates. Full accreditation will be considered following a full visit afterwards.

- Note: (1) These programmes were formerly known as BSc (Hons) Degree in Electronic Engineering up to Intake year 1986 and then re-titled to BEng (Hons) Degree in Electronic Engineering up to Intake year 1999.
- (2) This programme was firstly evolved from the BEng (Hons) Degree in Electronic and Communication Engineering (FT and PT) with the first intake in 2006 which was known as BEng (Hons) Degree in Electronic Engineering (Electronics and Communications) (Self-financing). Starting from Intake year 2007 and onwards, the programme was re-titled to BEng (Hons) Degree in Electronic Engineering (Communication Engineering) (Self-financing).
- (3) This programme was evolved from the BEng (Hons) Degree in Electronic and Communication Engineering (FT and PT) with the first intake in 2006.
- (4) This programme was formerly known as BSc (Hons) Degree in Information Technology up to Intake year 2000 and then re-titled to BEng (Hons) in Information Technology up to Intake year 2001.
- (5) These programmes were formerly known as BEng (Hons) Degree in Manufacturing Engineering up to Intake year 2001 and then re-titled to BEng (Hons) Degree in Manufacturing Informatics & Systems Engineering up to Intake year 2003.
- (6) This programme was formerly known as BSc (Hons) Degree in Industrial Engineering and Engineering Management up to Intake year 2001.
- (7) This programme ceased to admit new intakes from 2009.
- (8) This programme was accredited by the HKIE starting from Intake year 2000 and formerly known as BSc (Hons) Degree in Design and Technology up to Intake year 2001.
- (9) This programme is being phased out with the last intake in 2015. Under the 3-year undergraduate education, the programme was accredited by the HKIE starting from Intake year 1997 and formerly known as BSc (Hons) Degree in Construction Engineering and Management (FT) up to Intake year 2001. The programme was then re-titled to BEng (Hons) Degree in Building Engineering (Construction Engineering and Management) (FT) up to Intake year 2011. The accreditation status granted to the corresponding 3-year programme also covered the single Intake class in 2012 of the corresponding 4-year programme admitting mainly Hong Kong A-level students as “Advanced

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Standing I” under separate JUPAS code.

- (10) This programme was formerly known as BSc (Hons) in Computer Studies up to Intake year 1999. Starting from Intake year 2002, this programme is accredited by the HKIE under the accreditation criteria for computer science programmes.
- (11) This programme was formerly known as BSc (Hons) Degree in Materials Technology up to the cohort of graduates in 1999 and then re-titled to BSc (Hons) Degree in Materials Engineering up to the cohort of graduates in 2001.
- (12) This programme was formerly known as BEng (Hons) Degree in Building Services Engineering (FT) up to Intake year 2015. Under the 3-year undergraduate education, the programme was formerly known as BEng (Hons) Degree in Building Services Engineering (FT) up to Intake year 2001 and then re-titled to BEng (Hons) Degree in Building Engineering (Building Services Engineering) (FT) up to Intake year 2011. The accreditation status granted to the corresponding 3-year programme also covered the single Intake class in 2012 of the corresponding 4-year programme admitting mainly Hong Kong A-level students as “Advanced Standing I” under separate JUPAS code.
- (13) This programme was formerly known as BEng (Hons) Degree in Building Services Engineering (PT) up to Intake year 2000 and the programme ceased to admit new intakes from September 2009.
- (14) This programme was formerly known as BEng (Hons) Degree in Civil and Structural Engineering (FT) up to Intake year 2015. Under the 3-year undergraduate education, the programme was formerly known as BEng (Hons) Degree in Building Engineering (Modern Structural Engineering) (FT) up to Intake year 2004 and then re-titled to BEng (Hons) Degree in Building Engineering (Structural and Geotechnical Engineering) (FT) up to Intake year 2011. The accreditation status granted to the corresponding 3-year programme also covered the single Intake class in 2012 of the corresponding 4-year programme admitting mainly Hong Kong A-level students as “Advanced Standing I” under separate JUPAS code.
- (15) This programme ceased to admit new intakes from September 2009.
- (16) These programmes were formerly known as BEng (Hons) Degree in Product Analysis with Design up to Intake year 2007.
- (17) These programmes were formerly known as BEng (Hons) Degree in Civil Engineering up to Intake year 1997. Starting from the 2005/2006 cohort of intake, the BEng (Hons) Degree in Civil Engineering (FT and SW), which is a merger of the BEng (Hons) Degree in Civil and Structural Engineering and BEng (Hons) Degree in Civil and Environmental Engineering, would be offered. Correspondingly, the BEng (Hons) Degree in Civil and Structural Engineering (PT) would also be replaced by the BEng (Hons) Degree in Civil Engineering (PT) with effect from the 2005/06 cohort of intake.
- (18) This programme was formerly known as BEng (Hons) Degree in Environmental Engineering up to Intake year 1997. Starting from the 2005/2006 cohort of intake, the BEng (Hons) Degree in Civil Engineering (FT and SW), which is a merger of the BEng (Hons) Degree in Civil and Structural Engineering and BEng (Hons) Degree in Civil and Environmental Engineering, would be offered.

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- (19) Starting from the 2005/2006 cohort of intake, this programme in Full Time and Sandwich mode, which is a merger of the BEng (Hons) Degree in Civil and Structural Engineering and BEng (Hons) Degree in Civil and Environmental Engineering, would be offered. Correspondingly, this programme in Part Time mode would also replace the BEng (Hons) Degree in Civil and Structural Engineering (PT) with effect from the 2005/06 cohort of intake.
- (20) Provisional accreditation to this programme was to cover the two cohorts of intakes in 2000 and 2001.
- (21) The “Building Energy Management Stream” was previously available in these programmes and hence full accreditation status covered the BEng (Hons) Degree in Building Services Engineering (including Building Energy Management) (FT and SW). The Building Energy Management Stream was formally removed from the programmes for the intake cohort of 2001/2002.
- (22) These programmes were accredited by the HKIE starting from Intake year 1997.
- (23) These programmes were formerly known as BEng (Hons) Degree in Electronic Engineering up to Intake year 1997.
- (24) This programme is a UGC funded programme and was formerly known as BEng (Hons) Degree in Electronic Engineering up to Intake year 1997. The programme has been phased out after the last intake in 2004.
- (25) This programme was accredited by the HKIE starting from Intake year 1998.
- (26) This programme was formerly known as BEng (Hons) Degree in Manufacturing Engineering (with a specialism in Product Engineering and Marketing) (PT) (45079) with the first intake in 1998. In July 2000, the programme title was changed to BEng (Hons) Degree in Product Engineering and Marketing (PT) (45079) up to Intake year 2003. Subsequently, the programme title was changed to BEng (Hons) Degree in Product Engineering with Marketing (PT) (UGC-funded) from Intake year 2004. Starting from Intake year 2005 and onwards, the mode of funding of the programme was changed from UGC-funded mode to Self-financed mode.
- (27) There are two awards operating under the BEng (Hons) Scheme in Integrated Product Development (IPD Scheme): i) BEng (Hons) Degree in Product Analysis and Engineering Design (FT and SW); ii) BEng (Hons) Degree in Product Engineering with Marketing (FT and SW).
- (28) This programme was accredited by the HKIE starting from Intake year 2000.
- (29) This programme was accredited by the HKIE starting from Intake year 1999.
- (30) This programme was formerly known as BSc (Hons) in Health Technology with a specialism in Bioengineering up to Intake year 2004.
- (31) This programme has been phased out with the last intake in 2008.
- (32) This programme has been phased out with the last cohort of graduates in 2004.
- (33) The BEng (Hons) Degree in Logistics Management and Engineering (FT) was formerly known as

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BEng (Hons) Degree in Industrial Engineering and Engineering Management (Transportation Logistics Management) up to Intake year 2002 and then re-titled to BEng (Hons) Degree in Logistics Management (FT) up to Intake year 2005.

- (34) Under the 3-year undergraduate education, a minor in Business, Finance or Economics was made available for students of these programmes starting from 2005, and from the academic year 2007/2008, the 4-year double degree in BEng/BBA was offered.
- (35) This programme was formerly known as BEng (Hons) Degree in Building Services Engineering up to Intake year 2005 which was evolved from the BEng (Hons) Degree in Mechanical Engineering (Building Services Engineering Stream) starting from Intake year 2001.
- (36) This programme was formerly known as BEng (Hons) Degree in Civil and Structural Engineering up to Intake year 1997.
- (37) This programme was formerly known as BEng (Hons) Degree in Civil and Structural Engineering (Environmental Engineering) up to Intake year 1997.
- (38) These programmes were formerly known as BEng (Hons) Degree in Electrical Energy Systems Engineering up to Intake year 2001.
- (39) These programmes were formerly known as BEng (Hons) Degree in Electrical and Electronic Engineering up to Intake year 1999 and then re-titled to BEng (Hons) Degree in Electronic and Communications Engineering up to Intake year 2012.
- (40) These programmes were formerly known as BEng (Hons) Degree in Electrical and Electronic Engineering – Information Engineering Stream up to Intake year 1999.
- (41) This programme was formerly known as BEng (Hons) Degree in Industrial and Manufacturing Systems Engineering up to Intake year 1993 and then re-titled to BEng (Hons) Degree in Industrial Management and Manufacturing Systems Engineering up to Intake year 2000.
- (42) These programmes have been phased out with the last intake in 2004.
- (43) Students of these programmes may join the Work-Study Programme after their second year of study.
- (44) Students of this programme may join the Work-Study Programme after their third year of study.
- (45) This programme has been phased out with the last intake in 2003.
- (46) This programme was formerly known as BEng (Hons) Degree in Automation and Computer-Aided Engineering (FT) from Intake year 2000 up to Intake year 2006. This programme title has been used before Intake year 2000.
- (47) This programme has been phased out with the last intake in 2003.
- (48) This programme ceased to admit new intakes from 2006.

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- (49) This programme was accredited by the HKIE starting from Intake year 2011.
- (50) This programme was accredited by the HKIE starting from Intake year 2011.
- (51) This programme was accredited by the HKIE starting from Intake year 2011.
- (52) The accreditation status also covers the single Intake class in 2012 of the corresponding 4-year programmes admitting mainly Hong Kong A-level students as “Advanced Standing I” under separate JUPAS code.
- (53) Students of this programme may opt for “Integrated Study Work” Programme which is a one-year placement in industry following Year 3 of their studies.
- (54) This programme has been phased out with the last intake in 2012.
- (55) Starting from 2014, these programmes are renamed with (Honours) in the title.
- (56) There was only one intake cohort in 2012 for this double degree programme.
- (57) This programme was formerly known as BEng (Hons) Degree in Computer Engineering up to Intake year 2014.
- (58) There was only one intake cohort in 2012 for this programme.
- (59) Students of these programmes may opt for “Work-Study Programme” following Year 3 of their studies.
- (60) This programme was formerly known as BEng (Hons) Degree in Chemical and Bioproduct Engineering under the 3-year undergraduate education up to Intake year 2012.
- (61) This programme was formerly known as BEng (Hons) Degree in Civil and Structural Engineering under the 3-year undergraduate education up to Intake year 2012.
- (62) This programme has been phased out with the last intake in 2015 and was consolidated to BEng (Hons) Degree in Industrial Engineering and Logistics Management with effect from the Intake year 2016.
- (63) This programme was formerly known as BEng (Hons) Degree in Logistics Engineering and Supply Chain Management up to Intake year 2015.
- (64) This programme ceased to admit new intake from 2015.
- (65) This programme ceased to admit new intake from 2017.
- (66) This programme accredited by the HKIE was owned by the Faculty of Construction and Environment and the Department of Building and Real Estate up to Intake year 2016. Hence, the last intake cohort of this programme was in 2016.

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- (67) This programme was formerly known as BEng (Hons) Degree in Energy Engineering (FT) up to Intake year 2015.
- (68) This programme was formerly known as BSc (Hons) Degree in Testing and Certification up to Intake year 2016.
- (69) This programme was evolved to BEng Degree in Mechanical Engineering (FT) with the last intake in 2015.
- (70) This programme was evolved to BEng Degree in Systems Engineering and Management (FT) with the last intake in 2015.
- (71) This programme was evolved from BEng Degree in Mechatronic Engineering and BEng Degree in Manufacturing Systems Engineering starting from Intake year 2016.
- (72) This programme was evolved from BEng Degree in Industrial Engineering and Engineering Management, BEng Degree in e-Logistics and Technology Management and BEng Degree in Total Quality Engineering starting from Intake year 2016.
- (73) This programme was formerly known as BEng (Hons) Degree in Medical Engineering (FT) up to Intake year 2017.
- (%) Since 2012, Hong Kong has restructured its undergraduate education from three to four years.
- (%%) This programme was offered under the 3-year undergraduate education.
- (^) Based on the changes of education system to “3-3-4” in Hong Kong, the first intake of these programmes was in 2012.
- (^^) Based on the changes of education system to “3-3-4” in Hong Kong, the first intake of these programmes was in 2014.
- (+2) Provisional accreditation status also covers the cohort of graduates in 2016 and 2017 of the programmes concerned.
- (+2*) Provisional accreditation status also covers the cohort of graduates in 2017 and 2018 of the programmes concerned.
- (+3) Provisional accreditation status also covers the cohort of graduates in 2017, 2018 and 2019 of the programmes concerned.

Washington Accord Applicability Notes:-

- (i) **Programme implemented without differentiation in two different jurisdictions, each with accrediting bodies who are signatories to the Accord:**
Accreditation/recognition of the off-shore implementation of the programme will be undertaken on a collaborative basis, initiated by the signatory of the jurisdiction in which the programme is

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headquartered. The offshore implementation, of the programme, must satisfy the accreditation/recognition criteria and requirements of both signatories.

- (ii) **Differentiated Programme offered within the jurisdiction of a signatory:**
Accreditation/recognition of the off-shore programme offering must be undertaken by the signatory of the jurisdiction in which the programme is delivered in consultation with the signatory of the jurisdiction in which the provider is headquartered.
- (iii) **Undifferentiated or Differentiated Programme offered within a non-Accord jurisdiction:**
Accreditation/recognition of the off-shore programme offering must be undertaken by the signatory of the jurisdiction in which the programme is headquartered.
- (#) The programmes have also been accredited by Engineers Australia and are therefore recognised under the Washington Accord.
- (@) The following signatories of the Washington Accord have confirmed their recognition of the programmes(@):

Australia	Represented by Engineers Australia
Canada (◆)	Represented by Engineers Canada
China	Represented by China Association for Science and Technology
Chinese Taipei	Represented by Institute of Engineering Education Taiwan
India	Represented by National Board of Accreditation, India
Ireland	Represented by Engineers Ireland
Japan	Represented by Japan Accreditation Board for Engineering Education
Korea	Represented by Accreditation Board for Engineering Education of Korea
New Zealand	Represented by Institution of Professional Engineers New Zealand
Russia (◆)	Represented by Association for Engineering Education of Russia
Singapore (◆)	Represented by Institution of Engineers Singapore
Turkey (◆)	Represented by Association for Evaluation and Accreditation of Engineering Programs (MUDEK)
United Kingdom	Represented by Engineering Council UK
United States	Represented by Accreditation Board for Engineering and Technology

The following signatories of the Washington Accord have confirmed their recognition of the HKIE accredited programmes(@) at the University of Macau on a case by case basis, where accreditation made by the HKIE will contribute a significant weighting to the final consideration.

Malaysia (◆)	Represented by Board of Engineers Malaysia
South Africa (◆)	Represented by Engineering Council of South Africa
Sri Lanka	Represented by The Institution of Engineers Sri Lanka

- (◆) Re-confirmation on recognition is being sought.