

**Accreditation Notes of the
List of Engineering Degree Programmes Accredited by the HKIE as at 26 May 2022
(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)
- The renaming of the programme from BEng in Electronic and Communication Engineering (ECE) to BEng in Electronic and Electrical Engineering (ELEL) is to be effective from Semester A 2020/21 for students admitted to the ELEL Major in Semester A 2021/22 and thereafter.
 - This programme was formerly known as BEng Degree in Electronic and Communication Engineering (FT) up to Intake year 2019. Under the 3-year undergraduate education, the programme was 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.

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- (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 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)
- The renaming of the programme from BEng in Materials Engineering to BEng in Materials Science and Engineering is to be effective from Semester A 2019/20 for students admitted to the Materials Science and Engineering Major and thereafter.
 - 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. The programme was retitled again to BEng (Hons) Degree in Materials Engineering from graduating year in 2002 up to intake year 2018.
- (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.
- (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.
- (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.

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- (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.
- (19)
 - The Sandwich mode of the programme ceased to offer with effect from the 2012/13 cohort of intake.
 - This programme was formerly known as BEng (Hons) Degree in Civil and Structural Engineering up to Intake year 2004.
- (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 a merger of BEng (Hons) Degree in Product Engineering with Marketing (2-year Top-Up Full Time) and the BEng (Hons) Degree in Product Engineering with Marketing (Part Time) (Self-financed) and has been phased out with the last intake in 2015. Starting from Intake year 2005, the mode of funding of the programme was changed from UGC-funded mode to Self-financed mode.
 - This programme in Part Time mode 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. The programme title was changed to BEng (Hons) Degree in Product Engineering and Marketing (PT) (45079) up to Intake year 2003.
- (27) There were two award options under the operation of BEng (Hons) Scheme in Integrated Product Development (IPD Scheme) up to Intake year 2015: 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). The IPD admission scheme was dissolved in 2016.
- (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. The Sandwich mode of the programme ceased to offer with effect from the 2012/13 cohort of intake.

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- (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 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. The programme would be phased out with the last intake in 2017 and was consolidated to BEng (Hons) Degree in Industrial Engineering and Engineering Management with two areas – Engineering Management (EM) and Logistics Management (LM).
- (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.

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- (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. The programme title BEng (Hons) Degree in Mechanical and Automation Engineering (FT) 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.
- (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 this programme may opt for “Work-Study Programme” following Year 2/Year 3 of their studies under the 3-year/4-year undergraduate programme.
- (59-1) Students of this programme may opt for “Work-Study Programme” following Year 3 of their studies under the 4-year undergraduate programme.
- (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.

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- (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 was offered under the 4-year undergraduate education. There was only one intake cohort in 2014 for this programme.
- (65) This programme has been phased out with the last intake in 2016.
- (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.
- (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) and has been phased out with the last intake in 2015.
- (70) This programme was evolved to BEng Degree in Systems Engineering and Management (FT) and has been phased out 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. This programme has been phased out with the last intake in 2018.
- (73) This programme was formerly known as BEng (Hons) Degree in Medical Engineering (FT) up to Intake year 2017.
- (74) The sandwich mode of the programme ceased to offer with effect from the 2014/15 cohort of intake.
- (75) These programmes would be phased out with the last intake in 2016.
- (76) These programmes would be phased out with the last intake in 2017.
- (77) This programme (under the 4-year undergraduate education) was accredited by the HKIE starting from intake year 2012. This programme was evolved from BSc (Hons) Degree in Environment and Sustainable Development with its first intake in 2012 and since intake 2016, the programme name changed to BEng (Hons) Degree in Environmental Engineering and Sustainable Development.

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- (78) The BEng (Hons) in Industrial Engineering and Engineering Management (IEEM) (FT) and BEng (Hons) in Logistics Management and Engineering (LME) (FT) were restructured to unify to a single major IEEM with two areas – Engineering Management (EM) and Logistics Management (LM). Students admitted in 2017/18 can opt for the revised IEEM programme and the original LME programme.
- (79) The Major title of this programme was changes from “Bioengineering” to “Biomedical Engineering” for students admitted into this Major programme from 2018/19.
- (80) The renaming of the programme from BEng in Electronic and Communication Engineering (ECE) to BEng in Electronic and Electrical Engineering (ELEL) is to be effective from Semester A 2020/21 for students admitted to the ELEL Major in Semester A 2021/22 and thereafter.
- (81) Starting from Semester A in 2017/18, the stream in Construction Management ceased to offer. Subsequently, the “Infrastructure and Urbanism” stream was renamed to “Infrastructure and Smart City” with effect from 2021/22.
- (82) From intake 2022 and after, the programme name changed to BEng (Hons) Degree in Building Sciences and Engineering (including the programme with specialism of Building Services Engineering).
- (%) Since 2012, Hong Kong has restructured its undergraduate education from three to four years. This programme is being offered before 2012.
- (%%) 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 have been revamped under the 4-year undergraduate education since 2014. This programme had been offered under the 3-year undergraduate education before 2014.
- (+1) Provisional accreditation status also covers the cohort of graduates in 2019 and 2020 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 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.

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- (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(@) at the University of Macau:

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
Costa Rica	Represented by Colegio Federado de Ingenieros y de Arquitectos de Costa Rica
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
Peru	Represented by Instituto de Calidad y Acreditación de Programas de Computación, Ingeniería y Tecnología en ingeniería
Russia	Represented by Association for Engineering Education of Russia ^
Singapore	Represented by Institution of Engineers Singapore
South Africa	Represented by Engineering Council of South Africa ^
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 ^

^ Re-confirmation on recognition is being sought.

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. Confirmation on continuous recognition of the programmes is being sought:

Sri Lanka	Represented by The Institution of Engineers Sri Lanka
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