

Details of courses offered in Semester 1, 2025/26

Faculty of Engineering The University of Hong Kong

Last update: **August 1, 2025**

Course Code	Course Title	Level (RPG/TPG)	Pre-requisites	Class Dates	Class Time	Venue	Course Syllabus URL	Contact Information (Name & Email)	Remarks (e.g. Please specify if the medium of instruction is NOT English)
CIVL8015	Special topic in environmental engineering A: Research and practice	RPG	A course in environmental science or environmental engineering	Sept 4 - Nov 27, 2025 (Thursdays)	10:00 - 13:00	TBC	https://www.civil.hku.hk/civil_intranet/msc_course_descr.html	Ms. Candice Fong <fongwn@hku.hk>	Nil
CIVL8021	Selected advanced topics in soil mechanics	RPG	Nil	Sept 2 - Nov 25, 2025 (Tuesdays)	15:00 - 18:00	TBC	https://www.civil.hku.hk/civil_intranet/msc_course_descr.html	Ms. Candice Fong <fongwn@hku.hk>	Nil
DASE7001 (Full year)	Seminars	RPG	Nil	Sept 1, 2025 - Nov 29, 2025	Nil	Nil	Nil	Prof. Ray Zhong zhongzry@hku.hk Dr. Wenjie Huang huangwj@hku.hk	Nil
DASE7015	Engineering economics and finance (Subclass A)	TPG	Nil	Sept 1, 2025-Nov 24, 2025 (Mondays)	19:00-22:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Mr. Wilson Chow nosliwwohc@gmail.com	Nil
DASE7015	Engineering economics and finance (Subclass B)	TPG	Nil	Sept 3, 2025-Nov 26, 2025 (Wednesdays)	19:00-22:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Mr. Wilson Chow nosliwwohc@gmail.com	Nil

DASE7020	Supply chain management (Subclass A)	TPG	Nil	Sept 2, 2025-Nov 25, 2025 (Tuesdays)	19:00-22:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr. JWC Ng ngwc@hku.hk	Nil
DASE7020	Supply chain management (Subclass B)	TPG	Nil	Sept 5, 2025-Nov 28, 2025 (Fridays)	10:00-13:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr. JWC Ng ngwc@hku.hk	Nil
DASE7034	Operational research (Subclass A)	TPG	Nil	Sept 5, 2025-Nov 28, 2025 (Fridays)	19:00-22:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr. JW Wang jwwang@hku.hk	Nil
DASE7034	Operational research (Subclass B)	TPG	Nil	Sept 6, 2025-Nov 22, 2025 (Saturdays)	14:30-17:30	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr. JW Wang jwwang@hku.hk	Nil
DASE7111	Data-driven optimization (Subclass A)	TPG	Nil	Sept 5, 2025-Nov 28, 2025 (Fridays)	15:00-18:00	Central & HW103	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr. JW Wang jwwang@hku.hk	Nil

DASE7113	Optimization methods for intelligent systems	TPG	Nil	Sept 1, 2025-Nov 24, 2025 (Mondays)	19:00-22:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Prof. JY Li jjiayangl@hku.hk	Nil
DASE7119	Digital enterprises and e-Commerce (Subclass A)	TPG	Nil	Sept 3, 2025-Nov 26, 2025 (Wednesdays)	14:00-17:00	HW106	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr. SH Choi shchoi@hku.hk	Nil
DASE7137	Virtual reality and applications	TPG	Nil	Sept 5, 2025-Nov 28, 2025 (Fridays)	15:00-18:00	HW106 & HW107	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr. Leith Chan lkychan@hku.hk	Nil
DASE7138	Healthcare systems engineering	TPG	Nil	TBC	TBC	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Prof. Calvin Or klor@hku.hk	Nil
DASE7139	Cyber-physical systems (Subclass A)	TPG	Nil	Sept 3, 2025-Nov 26, 2025 (Wednesdays)	19:00-22:00	HW103 & HW104B	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr JC Chen jcchen@hku.hk	Nil

DASE7140	Machine learning and applications (Subclass A)	TPG	Nil	Sept 6, 2025-Nov 22, 2025 (Saturdays)	10:00-13:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr SJ Qin stanqin@gmail.com	Nil
DASE7140	Machine learning and applications (Subclass B)	TPG	Nil	Sept 6, 2025-Nov 22, 2025 (Saturdays)	14:30-17:30	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Dr SJ Qin stanqin@gmail.com	Nil
DASE7142	Advanced computational methods	TPG	Nil	Sept 2, 2025-Nov 25, 2025 (Tuesdays)	10:00-13:00	Central & HW106	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Prof. Y Xu yxu195@hku.hk	Nil
DASE7143	The internet of things (subclass A)	TPG	Nil	Sept 1, 2025-Nov 24, 2025 (Mondays)	10:00-13:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Prof. Shiyan Hu shiyanh@hku.hk	Nil
DASE7150	Frontiers in industrial engineering and logistics management A	TPG	Nil	Sept 4, 2025-Nov 27, 2025 (Thursdays)	19:00-22:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Prof. MC Yue mcyue@hku.hk	Nil

DASE7154	Intelligent technologies for industrial engineering A	TPG	Nil	<p>January 5, 2026 January 12, 2026</p> <p>January 6, 2026 January 13, 2026</p> <p>January 7, 2026 January 14, 2026</p> <p>January 8, 2026 January 15, 2026</p> <p>January 9, 2026 January 16, 2026</p>	10:00-13:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Prof. A. Kusiak andrew-kusiak@uiowa.edu	Nil
DASE7155	Intelligent technologies for systems engineering B	TPG	Nil	<p>January 5, 2026 January 12, 2026</p> <p>January 6, 2026 January 13, 2026</p> <p>January 7, 2026</p> <p>January 8, 2026</p> <p>January 2, 2026 January 9, 2026</p> <p>January 3, 2026 January 10, 2026</p>	14:00-17:00	TBC	https://www.dase.hku.hk/teaching-and-learning/current-students/master-of-science-in-engineering-in-robotics-and-intelligent-systems	Prof. Abdullah Konak Prof. Sadan Kulturel-Konak sxx70@psu.edu auk3@psu.edu	Nil
DASE7212	Physical Internet	TPG	Nil	<p>January 5, 2026 January 12, 2026</p> <p>January 6, 2026 January 13, 2026</p> <p>January 7, 2026 January 14, 2026</p> <p>January 8, 2026 January 15, 2026</p> <p>January 9, 2026 January 16, 2026</p>	14:00-17:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Prof. E Ballot eric.ballot@minesparis.psl.eu	Nil
DASE7222	Decision analytics in global logistics (Subclass A)	TPG	Nil	Sept 4, 2025-Nov 27, 2025 (Thursdays)	10:00-13:00	TBC	https://www.imse.hku.hk/msc-eng/msc-eng/courses-and-timetables	Prof. Fangni Zhang fnzhang@hku.hk	Nil

DASE7310	Financial Engineering	TPG	Nil	Sept 1, 2025-Nov 24, 2025 (Mondays)	19:00-22:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Prof. PC Chen pcchen@hku.hk	Nil
DASE7341	Technology innovation and entrepreneurship (Subclass A)	TPG	Nil	Sept 6, 2025-Nov 22, 2025 (Saturdays)	10:00-13:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Mr N Xu xunuo@hku.hk	Nil
DASE7501	Robot modelling, planning and control (Subclass A)	TPG	Nil	Sept 4, 2025-Nov 27, 2025 (Thursdays)	19:00-22:00	HW104B	https://www.dase.hku.hk/teaching-and-learning/current-students/master-of-science-in-engineering-in-robotics-and-intelligent-systems	Prof. HP Chen hepingc@hku.hk	Nil
DASE7503	Robotic systems integration (Subclass A)	TPG	Nil	Sept 4, 2025-Nov 27, 2025 (Thursdays)	10:00-13:00	HW105 & HW106	https://www.dase.hku.hk/teaching-and-learning/current-students/master-of-science-in-engineering-in-robotics-and-intelligent-systems	Dr. HH Cheung hh.cheung@hku.hk	Nil
DASE7502	Advanced robot sensing and intelligence (Subclass A)	TPG	Nil	Sept 2, 2025-Nov 25, 2025 (Tuesdays)	15:00-18:00	HW104B	https://www.dase.hku.hk/teaching-and-learning/current-students/master-of-science-in-engineering-in-robotics-and-intelligent-systems	Prof. J Liu dr.jun.liu@hku.hk	Nil

DASE7505	Intelligent unmanned systems	TPG	Nil	Sept 1, 2025-Nov 24, 2025 (Mondays)	15:00-18:00	TBC	https://www.dase.hku.hk/teaching-and-learning/current-students/master-of-science-in-engineering-in-robotics-and-intelligent-systems	Prof. C Sun c87sun@hku.hk	Nil
DASE7507	Frontiers in robotics and intelligent systems	TPG	Nil	Sept 4, 2025-Nov 27, 2025 (Thursdays)	15:00-18:00	TBC	https://www.dase.hku.hk/teaching-and-learning/current-students/master-of-science-in-engineering-in-robotics-and-intelligent-systems	Prof. J Liu dr.jun.liu@hku.hk	Nil
DASE7902	Project management (Subclass A)	TPG	Nil	Sept 5, 2025-Nov 28, 2025 (Fridays)	19:00-22:00	TBC	https://www.dase.hku.hk/teaching-and-learning/prospective-students/master-of-science-in-engineering-in-industrial-engineering-and-logistics-management#List%20of%20Courses%20and%20Syllabus	Mr. Bill Chan billchan@hku.hk	Nil
ELEC7001	Seminar module	RPG	Nil				https://elink.eee.hku.hk/postgrad_course_outlines_2526.html	Mr. Kai Cheng kaicheng@eee.hku.hk	Nil
ELEC8003	Linear algebra for signal processing	RPG	Basic Matlab coding	Sep 1 - Nov 29, 2025 (Tuesdays, Fridays)	Tue 16:00 - 17:50 Fri 17:00 - 17:50	MW325	https://elink.eee.hku.hk/postgrad_course_outlines_2526.html	Mr. Kai Cheng kaicheng@eee.hku.hk	Nil
ELEC8004	Digital signal processing I	RPG	mutually exclusive with ELEC6026 Digital signal processing I	Sep 1 - Nov 29, 2025 (Wednesdays)	Wed 19:00 - 21:50	CPD-3.28	https://elink.eee.hku.hk/postgrad_course_outlines_2526.html	Mr. Kai Cheng kaicheng@eee.hku.hk	Nil

ELEC8302	Nanophotonics	RPG	Nil	Sep 1 - Nov 29, 2025 (Thursdays)	Thu 12:00 - 14:50	CPD-1.21	https://elink.eee.hku.hk/postgrad_course_outlines_2526.html	Mr. Kai Cheng kaicheng@eee.hku.hk	Nil
ELEC8306	Optoelectronics and lightwave technology	RPG	mutually exclusive with ELEC6063 Optoelectronics and lightwave technology	Sep 1 - Nov 29, 2025 (Tuesdays)	Thu 13:00 - 15:50	WLGH	https://elink.eee.hku.hk/postgrad_course_outlines_2526.html	Mr. Kai Cheng kaicheng@eee.hku.hk	Nil
ELEC8507	Convex programming and applications	RPG	mutually exclusive with CSIS9602 Convex optimization or ELEC6082 Convex programming and applications	Sep 1 - Nov 29, 2025 (Tuesdays)	Tue 9:00 - 11:50	CYPP2	https://elink.eee.hku.hk/postgrad_course_outlines_2526.html	Mr. Kai Cheng kaicheng@eee.hku.hk	Nil
MECH6034	Computer-aided product development (CAPD)	TPG	Nil	Sep 1 - Nov 29, 2025 (Tuesday)	16:30 - 19:00	TBC	https://www.mech.hku.hk/tpg	Ms. Meimei Lam (mmlam@hku.hk)	Nil
MECH7014	Railway Engineering – Metro and High- Speed Rail	TPG	Nil	Sep 1 - Nov 29, 2025 (Saturday)	14:30 - 17:00	TBC	https://www.mech.hku.hk/tpg	Ms. Meimei Lam (mmlam@hku.hk)	Nil
MECH7010	Contemporary robotics	TPG	Nil	Sep 1 - Nov 29, 2025 (Friday)	19:00 - 21:30	TBC	https://www.mech.hku.hk/tpg	Ms. Meimei Lam (mmlam@hku.hk)	Nil
MECH6045	Nanotechnology: fundamentals and applications	TPG	Nil	Sep 1 - Nov 29, 2025 (Wednesday)	19:00 - 21:30	TBC	https://www.mech.hku.hk/tpg	Ms. Meimei Lam (mmlam@hku.hk)	Nil
MECH6017	Noise and vibration	TPG	Nil	Sep 1 - Nov 29, 2025 (Wednesday)	19:00 - 21:30	TBC	https://www.mech.hku.hk/tpg	Ms. Meimei Lam (mmlam@hku.hk)	Nil

MECH6019	Sources and control of Air pollution	TPG	Nil	Sep 1 - Nov 29, 2025 (Thursday)	19:00 - 21:30	TBC	https://www.mech.hku.hk/tpg	Ms. Meimei Lam (mmlam@hku.hk)	Nil
MECH6046	Microsystems for energy, biomedical and consumer electronics applications	TPG	Nil	Sep 1 - Nov 29, 2025 (Friday)	19:00 - 21:30	TBC	https://www.mech.hku.hk/tpg	Ms. Meimei Lam (mmlam@hku.hk)	Nil
MECH6010	Service behaviour of materials	TPG	Nil	Sep 1 - Nov 29, 2025 (Monday)	19:00 - 21:30	TBC	https://www.mech.hku.hk/tpg	Ms. Meimei Lam (mmlam@hku.hk)	Nil
MECH8004	Advanced topics in solids mechanics research	RPG		Sep 1 - Nov 29, 2025 (Tuesday & Friday)	Tue: 12:30 - 13:20 Fri: 12:30 - 14:20	TBC	https://www.mech.hku.hk/rpg	Ms. Meimei Lam (mmlam@hku.hk)	Nil