

Mechanical and Automation Engineering
Applicable to students admitted in 2011-12

Double-Degree Option

Mechanical and Automation Engineering and Integrated BBA

S6 students

1. Requirements for B.Eng. Degree in Mechanical and Automation Engineering (the First Degree)

Students are required to complete a minimum of 69 units of Major courses as follows:

- (i) Required Courses: 54 units
 ENGG2014, 2015, MAEG2010, 2020, 2030, 2040, 3010, 3020, 3030,
 3040, 3050, 3060, 3910, 3920, 4910, 4920, CSCII120, MGNT1020

Graduation Project as prescribed by MAEG4910/4920 will carry a separate weight of 10% in honours classification.

- (ii) Elective Courses (at least 9 units of MAEG4000 level Major Elective Courses): 15 units
 select any five of the following courses:

MAEG1010, 3070, 3080, 4010, 4020, 4030, 4040, 4050, 4060, 4070,
 5010, 5020, 5030, 5040, 5050, 5060, 5070, 5080, 5090, 5100, 5110,
 CSCII2120, 2800, 3170#, DSME1030, ELEG3230#, 3240#,
 ENGG2020, MGNT4090#, SEEM3490#, 3500#, 3600#, 3810#

Total: 69 units

Plus three weeks of industrial training in the summer after their second year of attendance.

2. Requirements for BBA Degree in Integrated BBA Programme (the Second Degree)

Students are required to complete a minimum of 63 units. For the detailed requirements, students should refer to the latest version of the study scheme of the IBBA programme applicable to their year of entry listed in the Student Handbook (http://rgsntl.rgs.cuhk.edu.hk/aqs_prd_aplx/).

Summary* (for S6 Entrants)

Description	Units
General Education	18
Physical Education	2
Engineering Major / Faculty Requirement (Foundation Courses)	9
Engineering Faculty Language Requirement	3 (Expository Writing)
	6 (English: incl. ELTU1111)
	3-12 (Chinese)
MAEG Major Courses	69
BA Faculty Language Requirement	9
IBBA Major Courses	63
TOTAL	163-172

- Notes:
- Students are required to take Professional Engineering Training Module which consists of ELTU1111, MAEG3910, 3920, 4910, 4920, MGNT1020 and three weeks of industrial training.
 - Major courses at MAEG3000 and above level will be included in the calculation of the Major GPA for honours classification. Courses with “#” are to be included in the Major GPA as well.

3. The GPA calculation for honours classification of the first degree follows the same calculation of Mechanical and Automation Engineering Undergraduate programme.
4. S6 entrants admitted into the double degree programme are required to fulfil the S6 Faculty Language Requirements of the Engineering Faculty and the S7 Faculty Language Requirements of the BA Faculty. Please refer to the Faculty Language Requirements of the Business Administration and Engineering Faculties for details.
5. MAEG Major required course MGNT1010 can be exempted by successfully completing MGNT1020.
6. DSME2050 (4 units) and its associated units can be exempted by successfully completing SEEM3490.
7. MGNT1020, DSME1030 and SEEM3490 and their associated units can be used to satisfy both the requirements of the first and second degrees.
8. Students of the double-degree programme opting to graduate with the first degree alone may use business courses that they have taken to satisfy all free electives.

Recommended Study Pattern*# (for S6 Entrants)

Term 1	Units	Term 2	Units
General Education	3	General Education	3
Physical Education	1	Physical Education	1
DSME1030	3	CHLT1510	3
ELTU1111	3	ENGG1010	3
MATH1510	3	PHYS1001	3
(CANTONESE Course)	(3)	IBBA Major Courses	6
IBBA Major Course	3		
	16/19		19
Summer	Units		
MGNT1020	3		
IBBA Major Course	3		
	6		
Term 3	Units	Term 4	Units
General Education	3	General Education	3
CSCI1120	3	ELTU2452	3
ENGG2014	3	ENGG2015	3
MAEG2010	2	MAEG2030	3
MAEG2020	3	MAEG2040	3
IBBA Major Courses	6	IBBA Major Courses	6
	20		21
Term 5	Units	Term 6	Units
General Education	3	General Education	3
MAEG3010	3	ELTU3112	3
MAEG3050	3	MAEG3020	3
MAEG3060	2	MAEG3030	3
MAEG3910	3	MAEG3040	3
IBBA Major Courses	6	MAEG3920	3
	20	SEEM3490	3
			21
Term 7	Units	Term 8	Units
MAEG4910	3	MAEG4920	5
MAEG Major Electives	6	MAEG Major Elective	3
IBBA Major Courses	11	IBBA Major Courses	12
	20		20

* Some S6 entrants may be required to complete a number of additional Chinese language courses. These additional courses are not included in the summary and recommended study pattern. Please refer to the Faculty Language Requirements for Engineering for details.

Students are encouraged to enroll in the summer terms to reduce their workload in regular terms.