

Mechanical and Automation Engineering
Applicable to students admitted in 2012-13

Double-Degree Option

Mechanical and Automation Engineering and Integrated BBA

S7 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, CSC1120, 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): select any five of the following courses:	15 units
	MAEG1010, 3070, 3080, 4010, 4020, 4030, 4040, 4050, 4060, 4070, 5010, 5020, 5030, 5040, 5050, 5060, 5070, 5080, 5090, 5100, 5110, CSC12120, 2800, 3170#, DSME1030, ELEG3230#, 3240#, ENGG2020, MGNT4090#, SEEM3490#, 3500#, 3600#, 3810#	
<hr style="width: 100%;"/>		Total: 69 units

Plus three weeks of industrial training in the summer after their first 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_applx/).

Summary* (for S7 Entrants)

Description	Units
General Education	12
Physical Education	2
Engineering Faculty Language Requirement (incl. ELTU1111)	3-9
MAEG Major Courses	69
BA Faculty Language Requirement (incl. ELTU3110)	3-9
IBBA Major Courses	63
TOTAL	142-148

- Notes:
1. Students are required to take Professional Engineering Training Module which consists of ELTU1111, MAEG3910, 3920, 4910, 4920, MGNT1020 and three weeks of industrial training.
 2. 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. Students exempted from the Chinese language requirement for admission may be required to complete additional Chinese courses. Please refer to the Language Requirements of both faculties for details.
5. S7 entrants admitted into the double degree programme are required to fulfil the Faculty Language Requirements of both the Engineering and BA Faculties. Please refer to the Faculty Language Requirements of the Business Administration and Engineering Faculties for details.
6. MAEG Major required course MGNT1010 can be exempted by successfully completing MGNT1020.
7. DSME2050 (4 units) and its associated units can be exempted in fulfilling the requirement of the second degree by successfully completing SEEM3490.
8. MGNT1020, DSME1030 and SEEM3490 and their associated units can be used to satisfy both the requirements of the first and second degrees.
9. 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 S7 Entrants)

Term 1	Units	Term 2	Units
General Education	3	General Education	6
Physical Education	1	Physical Education	1
CSCI1120	3	ENGG2015	3
ELTU1111	3	MAEG2030	3
ENGG2014	3	MAEG2040	3
MAEG2010	2	MGNT1020	3
MAEG2020	3		
	18		19
Term 3	Units	Term 4	Units
General Education	3	MAEG3020	3
DSME1030	3	MAEG3030	3
MAEG3010	3	MAEG3040	3
MAEG3050	3	MAEG3920	3
MAEG3060	2	IBBA Major Courses	6
MAEG3910	3		
IBBA Major Course	3		
	20		18
Term 5	Units	Term 6	Units
ELTU3110	3	MAEG4920	5
MAEG4910	3	MAEG Major Elective	3
MAEG Major Electives	6	SEEM3490	3
IBBA Major Courses	6	IBBA Major Courses	6
	18		17
Term 7	Units	Term 8	Units
IBBA Major Courses	17	IBBA Major Courses	15
	17		15

* Some S7 entrants may be required to complete additional Chinese language courses. These additional courses are not included in the summary and recommended study pattern. Please refer to the Faculty Language Requirements of the Business Administration and Engineering Faculties for details.