Bachelor of Engineering in Financial Technology and Integrated BBA Programme Double Major Programme
Study Scheme

Financial Technology and Integrated BBA Programme Double Major Programme
Applicable to students admitted in 2024-25

Major Programme Requirement

Students are required to complete a minimum of 90 units of courses as follows:

			Units
1.	Faculty Package:		9
	ENGG1120/ESTR1005, ENGG1130/ESTR1006, MGNT1020		

2. Required Courses:

(a)	1st Major: Financial Technology	40

    i) Foundation Courses:
        CSCI1120/1130/ESTR1100/1102, ENGG2440/ESTR2004, ENGG2760/ESTR2018, ENGG2780/ESTR2020, MATH1510[a]

    ii) Required Courses:
        CSCI2100#/ESTR2102, CSCI4130#/IERG4130#/ESTR4306, DOTE1030#, FINA2010#, FTEC2101/ESTR2520, FTEC3001[b], 3002, SEEM3550#/ESTR3506, SEEM3590#[b]/ESTR3509[b]

(b)	2nd Major: Integrated BBA Programme	26

    ACCT2111#, 2121, 2151#, DOTE1040#, 2030#, FTEC4003[b], IBBA3040#, MGNT2611, 4010, MKTG2010#

3. Elective Courses:

(a)	1st Major: Financial Technology	3

    3 units from the following:
    FTEC4001, 4002, 4005, 4006, 4007, 4008, IERG4004#

(b)	2nd Major: Integrated BBA Programme[b]	6

    i) 3 units of DOTE/FINA/MGNT/MKTG courses at 2000 or above level, excluding DOTE2011, 2051, 4220, FINA3080, 4110, MGNT2511, 2512 and courses taken for fulfilment of requirement (ii) below

    ii) One course from the following:
        FINA3020, 3030, 3070, 3210, 4010

4.	Research Component/ Capstone Course/ Final Year Project[c]:	6
	FTEC4998, 4999	

	Total:	**90**

In addition to fulfilling the above Major Programme Requirement, students may also challenge themselves by taking the following stream offered by the Faculty of Engineering:

Engineering Leadership, Innovation, Technology and Entrepreneurship (ELITE) Stream[d]
Elective Courses:
15 units of courses[e]:
i)   12 units of ESTR courses of which at most 6 units of courses at 1000 or 2000 level and at least 6 units of courses at 3000 or 4000 level[f]

ii)　　3 units of BMEG/CENG/CSCI/ELEG/ENGG/IERG/MAEG/SEEM courses at 5000 level[g]

Explanatory Notes:
1.　　ENGG, ESTR and FTEC courses at 2000 and above level as well as those labeled as # will be included in the calculation of Major GPA for honours classification, excluding courses in the Faculty Package and Foundation Courses.
2.　　Students are not allowed to declare Minor in Business.
3.　　Students should have gone through a selection process in order to be admitted to this Double Major Programme.
[a]　　i)　　Non-JUPAS admittees and JUPAS admittees with HKDSE Mathematics Extended Modules I or II are required to attend a Mathematics Placement Test of the Faculty of Engineering. Students who fail or are absent from the Placement Test will be required to take MATH1020 in the same term when they take MATH1510.
　　ii)　　JUPAS admittees without HKDSE Mathematics Extended Modules I or II are required to take MATH1020 concurrently with MATH1510.
　　iii)　　Students who fail MATH1510 in Term 1 will have to retake the course in Term 2. The pre-assigned course, ENGG1130, will also be dropped.
[b]　　Courses taken to fulfill the requirements of items 2(a)(ii), 2(b) and 3(b) will be used to fulfill the requirement of General Business Concentration of the Integrated BBA Programme.
[c]　　Students who have declared to specialize in the ELITE Stream will be required to complete 6 units of ESTR4998 and 4999 to substitute for FTEC4998 and 4999. These 6 units cannot be used to fulfill the Elective Courses requirement of the ELITE Stream.
[d]　　Details of the entrance and coursework requirements, and declaration procedures for the ELITE Stream can be found at the ELITE website (www.erg.cuhk.edu.hk/elite).
Non-ELITE Engineering students may be allowed to take ESTR courses. Students are required to seek approval from their respective Major Programmes for using ESTR courses taken to fulfill the Major Programme Requirement. Details are available at the ELITE website.
[e]　　Students can use up to 9 units of courses which have been taken to fulfill the requirements of items 1 to 3 above to fulfill the elective requirements of the ELITE Stream. Item 4 Research Component/ Capstone Course/ Final Year Project will not be included in these 9 units. A full list of ESTR courses is available at the ELITE website.
[f]　　Students can use BMEG/CENG/CSCI/ELEG/ENGG/IERG/MAEG/SEEM courses at 5000 level to substitute for ESTR courses at 3000 or 4000 level, subject to the approval of the Stream Director and the Associate Dean (Education) of the Faculty of Engineering.
[g]　　The requirement of at least 3 units of Engineering courses at 5000 level is a requirement for the ELITE Stream only. It should not be interpreted as a requirement of the Double Major Programme.

	Recommended Course Pattern	Units
First Year of Attendance	1st term Faculty Package: MGNT1020	3
	Financial Technology Major Required: DOTE1030, MATH1510	6
	Major Elective(s):	
	2nd term Faculty Package: ENGG1120/ESTR1005, ENGG1130/ ESTR1006	6
	Integrated BBA Major Required: DOTE1040, IBBA3040	4
	Major Elective(s):	

Second Year of Attendance	1st term Financial Technology Major Required: CSCI1120/1130/ ESTR1100/1102, ENGG2440/ESTR2004, ENGG2760/ ESTR2018	8
	Integrated BBA Major Required: ACCT2111 Major Elective(s):	3
	2nd term Financial Technology Major Required: CSCI2100/ ESTR2102, ENGG2780/ESTR2020, FINA2010, FTEC2101/ ESTR2520	11
	Integrated BBA Major Required: ACCT2121 Major Elective(s):	3
Third Year of Attendance	1st term Financial Technology Major Required: CSCI4130/ IERG4130/ESTR4306, FTEC3001 or 3002, SEEM3590/ ESTR3509	9
	Integrated BBA Major Required: ACCT2151, DOTE2030 Major Elective(s):	5
	2nd term Financial Technology Major Required: FTEC3001 or 3002, SEEM3550/ESTR3506	6
	Integrated BBA Major Required: MKTG2010	3
	Financial Technology Major Elective(s): 1 course	3
Fourth Year of Attendance	1st term Major Required: FTEC4998	3
	Integrated BBA Major Required: MGNT2611	2
	Integrated BBA Major Elective(s): 1 course	3
	2nd term Major Required: FTEC4999	3
	Integrated BBA Major Required: FTEC4003, MGNT4010	6
	Integrated BBA Major Elective(s): 1 course	3
Total (including Faculty Package):		**90**