DOUBLE MAJOR PROGRAMS BETWEEN EC AND MATH DEPARTMENTS — NEW

First Semester

MATH PROGRAM	Cr.	Ects	MATH-EC PROGRAM	Cr.	Ects	EC-MATH PROGRAM	Cr.	Ects	EC PROGRAM	Cr.	ECTS
AE 111#/HSS/MLE (Ext)	3	3	AE 111#/HSS/MLE (Ext)	3	3	AD 131	3	4	AD 131	3	4
MATH 111	4	8	MATH 111	4	8	EC 101	3	6	EC 101	3	6
MATH 131 (Ects)	4	8	MATH 131 (Ects)	4	8	EC 103	1	1	EC 103	1	1
PHYS 101##	4	8	PHYS 101##	4	8	HUM/AE elective *	3	3/6	HUM/AE elective*	3	3/6
Unrestricted Elect (Ects)	3	5	Unrestricted Elect.(Ects)	3	5	MATH 101	4	6	MATH 101	4	6
						POLS 101	3	6	POLS 101	3	6
						SOC 101	3	4	SOC 101	3	4
	18	32		18	32		20	30/33		20	30/33

Second semester

MATH PROGRAM	Cr.	Ects	MATH-EC PROGRAM	Cr.	Ects	EC-MATH PROGRAM	Cr.	Ects	EC PROGRAM	Cr.	ECTS
AE 112#/HSS/MLE (Ext)	3	4	AE 112#/HSS/MLE (Ext)	3	4	CMPE 140	3	5	CMPE 140	3	5
MATH 132	4	8	MATH 132	4	8	EC 102	3	6	EC 102	3	6
MATH 162 (Ects)	4	8	MATH 162 (Ects)	4	8	HUM/AE elective *	3	3/6	HUM/AE elective*	3	3/6
PHYS 102##	4	8	PHYS 102##	4	8	MATH 102	4	6	MATH 102	4	6
Unrestricted Elect (Sem-3)	3	5	Unrestricted Elect.(Add)	3	5	PSY 101	3	5	PSY 101	3	5
						Unrest. Elec./AE *	3	4/6	Unrest. Elec./AE *	3	4/6
	18	33		18	33		19	29/34		19	29/34

Third semester

MATH PROGRAM	Cr.	Ects	MATH-EC PROGRAM	Cr.	Ects	EC-MATH PROGRAM	Cr.	Ects	EC PROGRAM	Cr.	ECTS
CMPE 150 (Sem-2)	3	5	EC 101	3	6	EC 203	3	6	AD 211	3	4
MATH 221 (Add)	4	8	MATH 221 (Add)	4	8	EC 205	3	6	EC 203	3	6
MATH 231 (Ects)	4	8	MATH 231 (Ects)	4	8	MATH 111 (Add)	4	8	EC 205	3	6
PHYS 201##	4	6	MATH 344 #### (Add)	3	6	MATH 201 **	4	5	EC 223	3	6
TK 221	2	3	PHYS 201 ##	4	6	MATH 231 (Add)	4	8	EC 233	3	6
			PSY 101 ### (Sem-4)	3	5	MATH 344 *** (Add)	3	6	TK 221	2	3
			TK 221	2	3	TK 221	2	3			
	17	30		20/23	42		23	42		17	31

Fourth Semester

MATH PROGRAM	Cr.	Ects	MATH-EC PROGRAM	Cr.	Ects	EC-MATH PROGRAM	Cr.	Ects	EC PROGRAM	Cr.	ECTS
HSS/MLE (Ext)	3	5	CMPE 150 (Sem-2)	3	5	EC 206	3	6	EC 206	3	6
MATH 202	4	7	EC 102	3	6	EC 208	3	6	EC 208	3	6
MATH 222 (Sem-5,Code-321)	4	8	MATH 202	4	7	EC 213	3	6	EC 213	3	6
MATH 234 (Add)	4	8	MATH 222 (Sem-5,Code-321)	4	8	MATH 202	4	7	EC 234	3	6
TK 222	2	3	MATH 234 (Add)	4	8	MATH 222 (Sem-5,Code-321)	4	8	TK 222	2	3
			POLS 101 ###	3	6	PHYS 101 (Add)	4	8	Unrestricted elective	3	4
			TK 222	2	3	TK 222	2	3			
	17	31		20/23	43		23	44		17	31

Fifth Semester

MATH PROGRAM	Cr.	Ects	MATH-EC PROGRAM	Cr.	Ects	EC-MATH PROGRAM	Cr.	Ects	EC PROGRAM	Cr.	ECTS
HSS	3	5	EC 203	3	6	AD 211 (Sem-3)	3	4	EC 331	3	6
HTR 311	2	3	EC 205	3	6	EC 331	3	6	EC elective	3	6
MATH 323 (Sem-6,Code-322)	4	8	EC 331	3	6	EC elective	3	6	EC elective	3	6
MATH 331	4	8	EC elective	3	6	EC elective	3	6	EC elective	3	6
Unrestricted Elect. (Add)	3	5	HTR 311	2	3	HTR 311	2	3	HTR 311	2	3
			MATH 323 (Sem-6,Code-322)	4	8	MATH 323 (Sem-6,Code-322)	4	8	Unrestricted elective	3	5
			MATH 331	4	8	MATH 331	4	8			
	16	29		22	43		22	41		17	32

Sixth Semester

MATH PROGRAM	Cr.	Ects	MATH-EC PROGRAM	Cr.	Ects	EC-MATH PROGRAM	Cr.	Ects	EC PROGRAM	Cr.	ECTS
HSS	3	5	EC 206	3	6	EC elective	3	6	EC elective	3	6
HTR 312	2	3	EC 208	3	6	EC elective	3	6	EC elective	3	6
MATH 338 (Sem-7,Code-431)	4	8	EC 213	3	6	HTR 312	2	3	EC elective	3	6
MATH Elect. (Add)	3	6	EC elective (Add)	3	6	MATH 234 (Add)	4	8	EC elective	3	6
MATH Elect. (Add)	3	6	HTR 312	2	3	MATH 338 (Sem-7,Code-431)	4	8	HTR 312	2	3
Science Elect. (Sem-4)	3	5	MATH 338 (Sem-7,Code-431)	4	8	PHYS 102/ 201 (Add)	4	6/8	Unrestricted elective	3	5
			SOC 101 ###	3	4						
	18	33		18/21	39		20	37/39		17	32

Seventh Semester

MATH PROGRAM	Cr.	Ects	MATH-EC PROGRAM	Cr.	Ects	EC-MATH PROGRAM	Cr.	Ects	EC PROGRAM	Cr.	ECTS
MATH Elect.	3	6	EC elective	3	6	EC elective	3	6	EC elective	3	6
MATH Elect. (Add)	3	6	EC elective	3	6	EC elective	3	6	EC elective	3	6
Science Elect.	3	5	EC elective	3	6	EC elective	3	6	EC elective	3	6
Unrestricted Elect.	3	5	EC elective	3	6	MATH Elect.	3	6	Unrestricted elective	3	5
Unrestricted Elect. (Add)	3	5	MATH Elect	3	6	MATH Elect. (Add)	3	6	Unrestricted elective	3	5
			MATH Elect	3	6						
	15	27		18	36		15	30		15	28

Eighth Semester

MATH PROGRAM	Cr.	Ects	MATH-EC PROGRAM	Cr.	Ects	EC-MATH PROGRAM	Cr.	Ects	EC PROGRAM	Cr.	ECTS
HSS	3	5	EC 470	3	6	EC 470	3	6	EC 470	3	6
MATH Elect.	3	6	EC elective	3	6	EC elective	3	6	EC elective	3	6
MATH Elect.	3	6	EC elective	3	6	EC elective	3	6	EC elective	3	6
MATH Elect.	3	6	MATH Elect	3	6	MATH Elect.	3	6	Unrestricted elective	3	5
Unrestricted Elect.	3	5	MATH Elect	3	6	MATH Elect.	3	6	Unrestricted elective	3	5
	15	28		15	30		15	30		15	28

SUM

MATH PROGRAM	Cr.	Ects	MATH-EC PROGRAM	Cr.	Ects	EC-MATH PROGRAM	Cr.	Ects	EC PROGRAM	Cr.	ECTS
SUM	134	243	SUM	149/158	286/298	SUM	157	283/293	SUM	137	241/249
OVERLOAD			OVERLOAD	15/24		OVERLOAD	20		OVERLOAD		

Indicates the changes appearing in Math courses
Indicates the changes appearing in EC courses
Indicates the changes appearing in the courses other than Math and EC courses
Indicates the credits that can be eliminated subject to the conditions explained below.

Add: Added to the program
Cr: Credits is updated
Ects: Ects is updated
Del: Deleted from the program
Ext: MLE courses added to this selection
Sem-#: Moved to/from the semester #
Code-###: The code is changed to/from MATH###

Students who pass the preparatory year with an English proficiency level of C are required to take AE 111 and AE 112. Students whose Proficiency Exam scores are B and above are required to take HSS or MLE (Modern Language Elective). MLE courses should be selected from among any of the language courses of the same sequence (being offered by the Boğaziçi University).
Physics courses are one of the 3 series: (PHYS 101-130- 201) or (PHYS 101-102-201-202) or (PHYS 121-201- 202).
Studens who have taken this course in the first year are exempt from this course
MATH 344 can be replaced by EC233-234 sequence.

* AE/HUM electives according to the Proficiency scores are as follows. If the grade is C, then AE 111 in the first semester, and HUM 102 and AE 112 in the second semester. Otherwise, HUM 101 in the first semester, and AE 2xx and Unrestricted Elective in the second semester.

** EC-MATH students can take MATH 221 instead of MATH 201.
*** MATH 344 can be replaced by EC233-234 sequence.