

**DEPARTMENT OF COMPUTER ENGINEERING – DEPARTMENT OF ECONOMICS
DOUBLE MAJOR PROGRAM**

1st GRUP COURSES (FULL COURSE EQUIVALENCY BETWEEN DEPARTMENTS)				
CATEGORY	CREDITS	ECTS	ALL PROGRAMS	Notes
CC.R	3	5	ENG 101.	
CC.R	3	5	ENG 102.	
U.C	2	2	HIST 101.	
U.C	2	2	HIST 102.	
U.C	2	2	TUR 101/150.	
U.C	2	2	TUR 102/160.	
U.C	3	5	LIBE 110.	
U.C	3	5	LIBE 120.	
U.C	3	5	LIBE 130.	
U.C	3	5	LIBE 140.	
U.C	3	5	LIBE 150.	
U.C	0	1	TEDU 101.	
U.C	1	1	TEDU 102.	
F.E	3	5	SS 1	
F.E	3	5	SS 2	

2nd GRUP COURSES Program Required (R) and Elective (E) Courses							Notes
CATEGORY	CREDITS	ECTS	ECON	CREDITS	ECTS	CMPE	
CC.R	4	7	MATH 115	4	7	MATH 101.	For both departments, a course under "R" or "E" category other than summer practice courses, can be counted under "Free Elective" category in the other department.
CC.R	4	7	MATH 116	4	7	MATH 102.	
R	3	6	ECON 101	4	6	PHYS 101.	
R	3	6	ECON 102	3	5	CMPE 113.	
R	3	5	PSIR 110	3	6	CMPE 114	
R	3	5	TEDU 109	4	6	PHYS 102	
R	3	6	BA 110	3	5	CHEM 100.	
R	3	6	ECON 209	3	6	MATH 240	
R	3	6	ECON 211	3	5	MATH 203.	
R	3	6	ECON 212	3	6	EE 207	
R	3	6	ECON 221	3	5	MATH 250	
R	3	6	ECON 222	3	5	CMPE 232	
R	3	5	ENG 204	3	6	CMPE 223	
R	1	2	ECON 300	3	6	CMPE 252	
R	4	6	ECON 331	3	6	CMPE 224	
R	3	6	ECON 341	3	6	CMPE 327	
R	3	6	ECON 351	3	5	CMPE 326	
R	3	6	ECON 303	3	6	CMPE 361	
R	4	6	ECON 332	3	6	CMPE 371	
R	3	6	ECON 342	3	5	CMPE 382	
R	3	6	ECON 451	3	6	SENG 214	
R	1	3	ECON 400	2	5	CMPE 491	
R	3	7	ECON 401	5	12	CMPE 492	
R	3	7	ECON 402	1	2	CMPE 399	
R	3	6	FEAS 450	1	3	CMPE 499.	
R				3	5	ENGR 490	
R				3	6	CMPE 453	
R				3	6	CMPE 472	
R				3	5	CMPE 421	

E	3	6	ECON 3XX/4XX	3	5	CMPE 3XX/4XX
E	3	6	ECON 3XX/4XX	3	5	CMPE 3XX/ 4XX
E	3	6	ECON 3XX/4XX	3	5	CMPE 3XX/4XX
E	3	6	ECON 3XX/4XX	3	5	MATH/Sci Elective.
E	3	6	ECON 3XX/4XX	3	5	FREE ELECTIVE
E	3	5	FREE ELECTIVE	3	5	FREE ELECTIVE
E	3	5	FREE ELECTIVE			
E	3	5	FREE ELECTIVE			

EQUIVALENCY BETWEEN 2nd GROUP COURSES FOR CMPE and ECON DEPARTMENTS*

CATEGORY	CREDITS	ECTS	ECON	CMPE	Notes
R	4	7	MATH 115	MATH 101	
R	4	7	MATH 116	MATH 102	
R	3	6	MATH 230	MATH 240	
CC.R	3	5	TEDU 109	CMPE 113	3
R	1	2	ECON 300	CMPE 399	2
R	1	3	ECON 400	CMPE 499	
Number of Courses Required for Graduation:			47	48	
Minimum Credits Required for Graduation (Cr):			136	136	
Minimum Total ECTS Required for Graduation:			240	240	

*Course equivalencies given in this table are only valid for double major students. The equivalency applications for the courses that do not exist in the table are evaluated by Faculty Executive Boards and endorsed if seen appropriate by both departments.

Notes:

- 1) Double major students must make up for deficiencies arising from differences in credits of mutually counted courses by taking additional course(s).
- 2) Double major students in ECON and CMPE are required to complete 3 internships, consisting of one major-specific internship each and one joint internship, or 4 internships if they are in separate majors within their respective fields.
- 3) This is applicable to double major students with a major in CMPE. Students majoring in ECON are required to take the CMPE 113 course.