

**DEPARTMENT OF  
ENGINEERING –  
ECONOMICS  
PROGRAM**

1st GROUP COURSES (FULL COURSE EQUIVALENCY BETWEEN DEPARTMENTS)				
CATEGORY	CREDIT	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	
U.C	2	2	TUR 102	
U.C	0	1	TEDU 400	
S.F	3	5	ED 1	
S.F	3	5	ED 2	
S.F	3	5	ED 3	
S.F	3	5	ED 4	
S.F	3	5	ED 5	
F.E	3	5	SS 1	
F.E	3	5	SS 2	
F.E	3	5	SS 3	
CC.E	3	5	CC(A)	
CC.E	3	5	CC(H)	
CC.E	3	5	CC(L)	
CC.E	3	5	CC(NS)	
CC.E	3	5	CC(SS)	

**COMPUTER  
DEPARTMENT OF  
DOUBLE MAJOR**

2nd GROUP COURSES Program Required (R) and Elective (E) Courses							Notes
CATEGORY	CREDIT	ECTS	ECON	CREDIT	ECTS	CMPE	
CC.R/R	4	7	MATH 111	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. 1
CC.E/R	4	7	MATH 112	4	7	MATH 102	
CC.R/R	3	5	CMPE 101	3	5	CMPE 113	
CC.E/R	4	6	ECON 101	3	6	CMPE 114	
F.C/R	4	6	ECON 102	4	6	PHYS 105	
R	3	6	ECON 211	3	5	MATH 203	
R	3	6	ECON 212	3	6	EE 207	
R	3	6	ECON 221	3	6	MATH 240	
R	3	6	ECON 222	3	6	CMPE 201	
R	3	5	ENG 204	3	5	CMPE 232	
R	3	6	MATH 230	3	6	CMPE 223	
R	3	6	MATH 232	3	6	CMPE 252	
R	1	2	ECON 300	3	6	SENG 214	
R	4	6	ECON 331	3	6	CMPE 224	
R	4	6	ECON 332	3	5	CMPE 361	
R	1	2	ECON 400	1	2	CMPE 399	
R	3	7	ECON 401	3	5	CMPE 326	
R	3	7	ECON 402	3	6	CMPE 327	
R				3	6	CMPE 371	
R				3	5	CMPE 382	
R				3	8	CMPE 491	
R				1	2	CMPE 499	
R				3	5	CMPE 453	
R				3	6	CMPE 472	
R				3	8	CMPE 492	
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				
E	3	6	ECON 3XX/4XX				
E	3	6	ECON 3XX/4XX				
E	3	6	ECON 3XX/4XX				
E	3	6	ECON 3XX/4XX				
E	3	6	ECON 3XX/4XX				

EQUIVALENCY BETWEEN 2nd GROUP COURSES FOR CMPE and ECON DEPARTMENTS*					
CATEGORY	CREDIT	ECTS	ECON	CMPE	Notes
R	4	7	MATH 111	MATH 101	
R	4	7	MATH 112	MATH 102	
R	3	6	MATH 230	MATH 240	
CC.R/R	3	5	CMPE 101	CMPE 113	3
R	1	2	ECON 300	CMPE 399	2
R	1	2	ECON 400	CMPE 499	
<b>Number of courses required for graduation:</b>			<b>47</b>	<b>48</b>	
<b>Minimum credits required for graduation (Cr):</b>			<b>136</b>	<b>136</b>	
<b>Minimum total ECTS required for graduation</b>			<b>240</b>	<b>240</b>	

\* 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.

**Notes:**

- 1) Double major students must compensate for missing credits by taking extra course(s) due to potential credits differences of equivalent courses.
- 2) ECON and CMPE double major students, must have either a summer practice for both major programs and a common summer practice for both, in total 3 summer practices or two summer practices for each major, in total 4 summer practices
- 3) This equivalence is valid for CMPE students. ECON students have to take CMPE 113.