

MASTER DEGREE IN FOOD ENGINEERING

Academic year 2011-2012

I sem (fall)		ECU
Advanced mathematics		9
Economy and business organization		6
Waste water treatment in process industries		6
Food process technology - Transformation processes		6
II sem (spring)		
Food process technology - Quality assurance		6
Rheology and transport phenomena in food processes		9
Food packaging		6
Optional courses		12
III sem (fall)		
Advances in unit operations		9
Biochemical reactors		6
Mathematical modeling of processes in food industries		6
Food process design		6
Refrigeration cycles		3
IV sem (spring)		
Optional courses		6
Laboratory or industrial training		6
Thesis project		18
Total Credits		120
Optional courses		ECU
Innovation in unit operations		6
Powder technology		6
Process plant design	fall	6
Modeling and control for process industries	fall	6
Safety and environment protection in chemical processes		6