



UNIVERSITAT ROVIRA i VIRGILI  
Escola Tècnica Superior  
d'Enginyeria Química

## Dual Master's degree in Chemical Engineering and in Technology and Engineering Management

1st Semester MChemE		2nd Semester MChemE	
Advanced Transport Phenomena	6	Reactor Engineering	6
Advanced Thermodynamics and Molecular Simulation	6	Advanced Separation Processes	6
Product and Process Design I	4,5	Product and Process Design II	4,5
Industrial Leadership*	3	Advanced Control	3
Business Management and Administration*	4,5	Change Management*	3
		Auditing and Industrial Certification	4,5

**Students who wish to follow double degree must complete MChemE first year subjects choosing among:**

Speciality Environmental Management: 4 more subjects equal to 12 ECTS or

Speciality Industrial Safety: 4 more subjects equal to 12 ECTS or

No Speciality: 3 more subjects equal to 9 ECTS from any specialities offered

\*MChemE subjects validated in MTEM (Master of Technology and Engineering Management)

	27
Business Indicators and Accounting	3
Macroeconomic Analysis	3
Empirical Methods in Management	3
Business Taxation	3
Communication and Negotiation	3
Decision Theory	3
Competition Law	3
Corporate Finance	3
Transportation, Distribution and Logistics	3
Work Placement (MChemE)	12

4th Semester MTEM + MChemE		37,50
Master's Thesis (MChemE)		15
Final Master's Degree Project (MTEM)		10,5
Management of Technology and Innovation		3
Human Resource Management		3
Economics of Energy and the Environment		3
Marketing Strategies		3

- Master's degree in Chemical Engineering (MChemE)
- Master's degree in Technology and Engineering Management (MTEM)