

Dual Master's Degree in Chemical Engineering and Technology and Engineering Management

1st Semester MChemE		30 ECTS	2nd Semester MChemE		30 ECTS
Advanced Transport Phenomena		6 ECTS	Reactor Engineering		6 ECTS
Advanced Thermodynamics and Molecular Simulation		6 ECTS	Advanced Separation Processes		6 ECTS
Product and Process Design I		4.5 ECTS	Product and Process Design II		4.5 ECTS
Materials and Nanostructures		3 ECTS	Advanced Control		3 ECTS
Polymers		3 ECTS	Change Management*		3 ECTS
Industrial Leadership*		3 ECTS	Auditing and Industrial Certification		4.5 ECTS
Business Management and Administration*		4.5 ECTS	Biomateriales		3 ECTS

*Mchem subjects validated in MTEM.

3rd Semester MTEM + MChemE		27 ECTS	4th Semester MTEM + MChemE		37,5 ECTS
Business Indicators and Accounting		3 ECTS	Master's Thesis (MChemE)		15 ECTS
Macroeconomic Analysis		3 ECTS	Final Master's Degree Project (MTEM)		10.5 ECTS
Empirical Methods in Management		3 ECTS	Management of Technology and Innovation		3 ECTS
Business Taxation		3 ECTS	Human Resource Management		3 ECTS
Communication and Negotiation		3 ECTS	Economics of Energy and the Environment		3 ECTS
Decision Theory		3 ECTS	Marketing Strategies		3 ECTS
Competition Law		3 ECTS			
Corporate Finance		3 ECTS			
Transportation, Distribution and Logistics		3 ECTS			
Work Placement (MChemE)		15 ECTS			

MChemE: Master's Degree in Chemical Engineering

MTEM: Master's Degree in Technology and Engineering Management

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10.5 ECTS of the Master's Degree in Chemical Engineering count towards the Master's Degree in Technology and Engineering Management subjects in orange). That is:

- Industrial Leadership (3 ECTS, first semester)
- Business Management and Administration (4.5 ECTS, first semester)
- Change Management (3 ECTS, second semester)