

**MASTER OF SCIENCE IN COMPUTATIONAL MECHANICS (MSCM)**  
Curs 2016-17

<b>PRIMER SEMESTRE</b>		<b>ECTS</b>	<b>Oblig/Optat</b>
250950	Numerical Methods for PDEs	5	Obligatoria
259951	Finite Element Method	5	Obligatoria
250952	Continuum Mechanics	5	Obligatoria
250954	Advanced Fluid Mechanics	5	Optativa
250960	Communication Skills 1	5	Optativa
250964	Entrepreneurship	5	Optativa
<b>SEGUNDO SEMESTRE</b>		<b>ECTS</b>	<b>Oblig/Optat</b>
250956	Computational Solid Mechanics	5	Optativa
250958	Computational Structural Mechanics and Dynamics	5	Optativa
250957	Finite Elements in Fluids	5	Optativa
250959	Industrial Training	15	Obligatoria
<b>TERCER SEMESTRE</b>		<b>ECTS</b>	<b>Oblig/Optat</b>
250961	Computational Mechanics Tools	5	Optativa
250965	Advanced Discretization Methods	5	Optativa
250967	Communication Skills 2	5	Optativa
<b>CUARTO SEMESTRE</b>		<b>ECTS</b>	<b>Oblig/Optat</b>
250970	Domain Decomposition and Large Scale Scientific Computing	5	Optativa
250955	Programming for Engineering and Science	5	Optativa
250963	Coupled Problems	5	Optativa
250969	Master Thesis**	30	Obligatoria

\*\* La Master Thesis se realiza entre los semestres 3 y 4