// Master 2 sciences de la matière – parcours Physique: concepts et applications

//Semestre 3B **Cours: 24h TD: 12h ECTS: 6**

	Lundi		Mardi			Mercredi			Jeudi			Vendredi		
	Cours	Amphi	Cours		Amphi	Cours		Amphi	Cours		Amphi	Cours		Amphi
8h - 10h	Advanced fluid mechanics and turbulence **M. Bourgoin & C. Herbert (8h45-10h45)**	**C**	Advanced fluid mechanics and turbulence **M. Bourgoin & C. Herbert**	Particle physics **S. Perries G. Grenier**	**C/F**	Gauge theories **F. Gieres & A. Deandrea**	Nanophysics **J. Bellessa & A. Crut**	**C/G**	Biophysics **H. Delanoe C. Moskalenko & D. Jost**	General relativity and cosmology **E. Livine/S. Speziale & A. Arbey**	**C/F**	Phase transitions and critical phenomena **D. Carpentier & A. Fedorenko**		**C**
10h15 - 12h15	Colloquium of the Laboratoire de Physique **Amphi. Schrödinger** (11h00-12h00)		Gauge theories **F. Gieres & A. Deandrea**	Biophysics **H. Delanoe, C.Moskalenko & D. Jost**	**C/F**	Biophysics **H. Delanoe, C.Moskalenko & D. Jost**	General relativity and cosmology **E. Livine & A. Arbey**	**C/G**	Advanced fluid mechanics and turbulence **M. Bourgoin & C. Herbert**	Particle physics **S. Perries & G. Grenier**	**C/F**	Advanced aspects of symmetries **S. Hohenegger**		**C**
13h30 - 15h30	Phase transitions and critical phenomena **D. Carpentier & A. Fedorenko**	**C**	Gauge theories **F. Gieres & A. Deandrea**	Nanophysics **J. Bellessa & A. Crut**	**C/F**	Phase transitions and critical phenomena **D. Carpentier & A. Fedorenko**		**C**	Particle physics **S. Perries & G. Grenier**		**C**	Advanced aspects of symmetries **S. Hohenegger**	Geophysics **N. Coltice & R. Deguen** **(14h00-17h00)**	**C/**
15h45 - 17h45	Advanced aspects of symmetries (TD) **F. Delduc**	**C**	General relativity and cosmology **E. Livine/S. Speziale & A. Arbey**		**C**	Nanophysics **J. Bellessa & A. Crut**		**C**						