

**// Master 2 sciences de la matière – orientation Physique et Chimie Computationalle: Fluid Dynamics and Nonlinear Physics Curriculum**

| S3a: September/October |     |                                     | S3b: November/December                    |  | S3c: January | S4: Feb.-July                   |                                 |          |
|------------------------|-----|-------------------------------------|-------------------------------------------|--|--------------|---------------------------------|---------------------------------|----------|
| Lundi                  | 8h  |                                     | Advanced fluid mechanics and turbulence   |  |              | Physics M2 Winter School (Lyon) | Research Internship (Feb.-July) |          |
|                        | 10h |                                     |                                           |  |              |                                 |                                 |          |
|                        | 14h | Computational Statistical Physics   |                                           |  |              |                                 |                                 |          |
|                        | 16h |                                     |                                           |  |              |                                 |                                 |          |
| Mardi                  | 8h  |                                     |                                           |  |              |                                 |                                 | and / or |
|                        | 10h |                                     |                                           |  |              |                                 |                                 |          |
|                        | 14h |                                     |                                           |  |              |                                 |                                 |          |
|                        | 16h | Computational Statistical Physics   |                                           |  |              |                                 |                                 |          |
| Mercredi               | 8h  |                                     |                                           |  |              | Computational Project           |                                 |          |
|                        | 10h |                                     |                                           |  |              |                                 |                                 |          |
|                        | 14h | Nonlinear physics and instabilities | Advanced fluid mechanics and turbulence   |  |              |                                 |                                 |          |
|                        | 16h |                                     |                                           |  |              |                                 |                                 |          |
| Jeudi                  | 8h  |                                     |                                           |  |              | and / or                        |                                 |          |
|                        | 10h |                                     | Computational Fluid Dynamics              |  |              |                                 |                                 |          |
|                        | 14h |                                     |                                           |  |              |                                 |                                 |          |
|                        | 16h |                                     |                                           |  |              |                                 |                                 |          |
| Vendredi               | 8h  |                                     | Computational Fluid Dynamics              |  |              | Literature Project              |                                 |          |
|                        | 10h |                                     |                                           |  |              |                                 |                                 |          |
|                        | 14h |                                     | Geophysics Computational Project (M2 SdT) |  |              |                                 |                                 |          |
|                        | 16h | Nonlinear physics and instabilities |                                           |  |              |                                 |                                 |          |