

# Electifs

## List of courses

|  | Nature | CM  | TD  | TP  | Crédits |
|--|--------|-----|-----|-----|---------|
| <b>Menu 1</b>                                | Module |     |     |     |         |
| Aéroacoustique                               | Module | 16h | 8h  |     | 2       |
| Biomechanics and micro hydrodynamics         | Module | 16h | 4h  | 4h  | 2       |
|  | Nature | CM  | TD  | TP  | Crédits |
| <b>Menu 2</b>                                | Choix  |     |     |     |         |
| Fluid-structure interactions                 | Module | 12h |     | 12h | 2       |
| Two phase media and fluid-solid interactions | Module | 12h | 4h  | 8h  | 2       |
| Civil engineering                            | Module | 12h | 12h |     | 2       |
|  | Nature | CM  | TD  | TP  | Crédits |
| <b>Menu 3</b>                                | Choix  |     |     |     |         |
| Composites and laminates                     | Module | 16h | 4h  | 4h  | 2       |
| Fast dynamics and crash                      | Module | 8h  | 8h  | 8h  | 2       |
| Strength of materials and structures         | Module | 18h | 6h  |     | 2       |
| Optimization of structures                   | Module | 16h |     | 8h  | 2       |