

Classe : G2

|                          |    |
|--------------------------|----|
| Effectif théorique :     | 24 |
| Nombre de groupes TD :   | 1  |
| Nombre de groupes TP/P : | 2  |

|                         |
|-------------------------|
| Nb d'heures/ects :      |
| Coef. TP :              |
| Coef. Alloc. d'heures : |

Semestre : S3

|                                  | Unité d'Enseignement (UE) | Eléments Constitutifs d'UE (EC)                                     | Atomes pédagogiques |      |      |        | E-L |  | ECTS |
|----------------------------------|---------------------------|---|---------------------|------|------|--------|-----|--|------|
|                                  |                           |   | C                   | TD   | TP   | Projet | TD  |  |      |
| Compétences transversales        | SEC-CT-SHSL-03            | LV anglais.3  | 6                   | 15   | 0    | 0      |     |  | 2    |
| Sciences et Techniques Générales | SEC-STG-PHYS-05           | Mécanique générale des solides rigides                              | 16.5                | 13.5 | 0    | 0      |     |  | 2    |
|                                  |                           | Image et instrumentation optique                                    | 12                  | 9    | 9    | 0      |     |  | 2    |
|                                  | SEC-STG-MATHINFO-05       | Electromagnétisme 1   | 16.5                | 15   | 0    | 0      |     |  | 2    |
|                                  |                           | Analyse 3   | 18                  | 10.5 | 0    | 0      |     |  | 2    |
| Sciences et Techniques Métiers   | SEC-STM-SPI-03            | Matériaux   | 12                  | 1.5  | 10.5 | 0      |     |  | 2    |
|                                  |                           | Résistance des matériaux  | 13.5                | 9    | 0    | 0      |     |  | 2    |
|                                  | GCT-STM-TOPO-01           | Topométrie.1  | 10.5                | 13.5 | 0    | 0      |     |  | 2    |
|                                  |                           | Instruments et méthodes 1 : Composantes principales des instruments | 13.5                | 19.5 | 0    | 0      |     |  | 3    |
| Electif                          | SEC-ELECTIF-02            | Electif 2.1   | 0                   | 24   | 0    | 0      |     |  | 1.5  |
|                                  |                           | Electif 2.1 : 2LF Allemand  |                     |      |      |        |     |  |      |
|                                  |                           | Electif 2.2   | 0                   | 24   | 0    | 0      |     |  | 1.5  |
|                                  |                           | Electif 2.2 : Interculturalité 1                                    |                     |      |      |        |     |  |      |
|                                  |                           | Electif 2.2 : Interculturalité 2                                    |                     |      |      |        |     |  |      |

| Atomes pédagogiques   |    |    |        |   | ECTS |
|---|----|----|--------|---|------|
| C   | TD | TP | Projet |   |      |
| Projet individuel de formation Ecole ou Université en Allemagne |    |    |        |   | 30   |
| 0   | 0  | 0  | 0      | 0 | 30   |

| Atomes pédagogiques |      |      |        | E-L |  | ECTS |
|---------------------|------|------|--------|-----|--|------|
| C                   | TD   | TP   | Projet | TD  |  |      |
| 6                   | 15   | 0    | 0      |     |  | 2    |
| 16.5                | 13.5 | 0    | 0      |     |  | 2    |
| 12                  | 9    | 9    | 0      |     |  | 2    |
| 16.5                | 15   | 0    | 0      |     |  | 2    |
| 18                  | 10.5 | 0    | 0      |     |  | 2    |
| 25.5                | 16.5 | 0    | 0      |     |  | 2    |
| 18                  | 10.5 | 0    | 0      |     |  | 2    |
| 12                  | 1.5  | 10.5 | 0      |     |  | 2    |
| 13.5                | 9    | 0    | 0      |     |  | 2    |
| 10.5                | 13.5 | 0    | 0      |     |  | 2    |
| 13.5                | 19.5 | 0    | 0      |     |  | 3    |
| 0                   | 0    | 36   | 0      |     |  | 3    |
| 0                   | 24   | 0    | 0      |     |  | 1.5  |
| 0                   | 28   | 0    | 0      |     |  | 1.5  |

| Atomes pédagogiques |      |      |        | E-L |  | ECTS |
|---------------------|------|------|--------|-----|--|------|
| C                   | TD   | TP   | Projet | TD  |  |      |
| 6                   | 15   | 0    | 0      |     |  | 2    |
| 16.5                | 13.5 | 0    | 0      |     |  | 2    |
| 12                  | 9    | 9    | 0      |     |  | 2    |
| 16.5                | 15   | 0    | 0      |     |  | 2    |
| 18                  | 10.5 | 0    | 0      |     |  | 2    |
| 25.5                | 16.5 | 0    | 0      |     |  | 2    |
| 18                  | 10.5 | 0    | 0      |     |  | 2    |
| 12                  | 1.5  | 10.5 | 0      |     |  | 2    |
| 13.5                | 9    | 0    | 0      |     |  | 2    |
| 10.5                | 13.5 | 0    | 0      |     |  | 2    |
| 13.5                | 19.5 | 0    | 0      |     |  | 3    |
| 0                   | 0    | 36   | 0      |     |  | 3    |
| 0                   | 24   | 0    | 0      |     |  | 1.5  |
| 0                   | 28   | 0    | 0      |     |  | 1.5  |

| Mutualisation Cours |
|---------------------|
| G2+GC2              |
| G2+GC2              |
| G2+GC2              |
| G2+GC2+GCE2         |
| G2+GC2+GCE2         |
| G2+GC2+GCE2         |
| G2+GC2              |
| G2+GC2+GCE2         |
| G2+GC2+GCE2         |
| G2+G3P              |
| G2+G3P              |
| G2+G3P              |
| STH1+I2             |
| STH1+I2             |
| STH1+I2             |
| I2 DIA + STH1 DIC   |
| I2 DIC              |

|                               |     |       |      |   |   |    |
|-------------------------------|-----|-------|------|---|---|----|
| Total Semestre                | 162 | 181.5 | 55.5 | 0 | 0 | 29 |
| Total face à face pédagogique | 399 |       |      |   |   |    |

|   |   |   |   |   |    |
|---|---|---|---|---|----|
| 0 | 0 | 0 | 0 | 0 | 30 |
| 0 |   |   |   |   |    |

|     |       |      |   |   |    |
|-----|-------|------|---|---|----|
| 162 | 185.5 | 55.5 | 0 | 0 | 29 |
| 403 |       |      |   |   |    |

|     |       |      |   |   |    |
|-----|-------|------|---|---|----|
| 162 | 185.5 | 55.5 | 0 | 0 | 29 |
| 403 |       |      |   |   |    |

Semestre : S4

|                                  | Unité d'Enseignement (UE) | Eléments Constitutifs d'UE (EC)                    | Atomes pédagogiques |      |    |        | E-L |  | ECTS |
|----------------------------------|---------------------------|--|---------------------|------|----|--------|-----|--|------|
|                                  |                           |  | C                   | TD   | TP | Projet | TD  |  |      |
| Compétences transversales        | SEC-CT-SHSL-04            | LV anglais.4                                       | 6                   | 15   | 0  | 0      |     |  | 2    |
| Sciences et Techniques Générales | SEC-STG-MATHINFO-06       | Mécanique des fluides                              | 13.5                | 12   | 0  | 0      |     |  | 2    |
|                                  |                           | Analyse 4  | 19.5                | 10.5 | 0  | 0      |     |  | 2    |
|                                  |                           | Analyse Numérique                                  | 16.5                | 18   | 0  | 6      |     |  | 3    |
| Sciences et Techniques Métiers   | SEC-STM-SPI-04            | Projet maquette                                    | 0                   | 0    | 0  | 18     |     |  | 3    |
|                                  |                           | TIPE   | 0                   | 0    | 0  | 18     |     |  | 3    |
|                                  | GCT-STM-TOPO-02           | Topométrie 2                                       | 13.5                | 13.5 | 0  | 0      |     |  | 2    |
|                                  |                           | Instruments et méthodes 2 : Niveaux et nivellement | 12                  | 6    | 0  | 0      |     |  | 1    |
|                                  | GCT-STM-GCT-02            | Topographie 2                                      | 0                   | 0    | 12 | 0      |     |  | 1    |
|                                  |                           | DAO  | 0                   | 15   | 0  | 0      |     |  | 1    |
| Electif                          | SEC-ELECTIF-03            | Hydrologie de l'ingénieur                          | 12                  | 6    | 0  | 0      |     |  | 1    |
|                                  |                           | Géologie de l'ingénieur                            | 9                   | 6    | 0  | 0      |     |  | 1    |
|                                  |                           | Droit général                                      | 13.5                | 0    | 0  | 0      |     |  | 1    |
|                                  |                           | Electif 3.1  | 0                   | 24   | 0  | 0      |     |  | 2    |
|                                  |                           | Electif 3.1 : 2LF Allemand                         |                     |      |    |        |     |  |      |
|                                  |                           | Electif 3.2  | 0                   | 24   | 0  | 0      |     |  | 2    |
|                                  |                           | Electif 3.2 : Interculturalité 2                   |                     |      |    |        |     |  |      |

| Atomes pédagogiques   |    |    |        |   | ECTS |
|---|----|----|--------|---|------|
| C   | TD | TP | Projet |   |      |
| Projet individuel de formation Ecole ou Université en Allemagne |    |    |        |   | 26   |
| 0   | 0  | 0  | 0      | 0 | 30   |

| Atomes pédagogiques |      |    |        | E-L |  | ECTS |
|---------------------|------|----|--------|-----|--|------|
| C                   | TD   | TP | Projet | TD  |  |      |
| 6                   | 15   | 0  | 0      |     |  | 2    |
| 13.5                | 12   | 0  | 0      |     |  | 2    |
| 19.5                | 10.5 | 0  | 0      |     |  | 2    |
| 16.5                | 18   | 0  | 6      |     |  | 3    |
| 0                   | 0    | 0  | 18     |     |  | 3    |
| 0                   | 0    | 0  | 18     |     |  | 3    |
| 13.5                | 13.5 | 0  | 0      |     |  | 2    |
| 12                  | 6    | 0  | 0      |     |  | 1    |
| 0                   | 0    | 12 | 0      |     |  | 1    |
| 0                   | 15   | 0  | 0      |     |  | 1    |
| 12                  | 6    | 0  | 0      |     |  | 1    |
| 9                   | 6    | 0  | 0      |     |  | 1    |
| 13.5                | 0    | 0  | 0      |     |  | 1    |
| 0                   | 24   | 0  | 0      |     |  | 2    |
| 0                   | 24   | 0  | 0      |     |  | 2    |

| Atomes pédagogiques |      |    |        | E-L |  | ECTS |
|---------------------|------|----|--------|-----|--|------|
| C                   | TD   | TP | Projet | TD  |  |      |
| 6                   | 15   | 0  | 0      |     |  | 2    |
| 13.5                | 12   | 0  | 0      |     |  | 2    |
| 19.5                | 10.5 | 0  | 0      |     |  | 2    |
| 16.5                | 18   | 0  | 6      |     |  | 3    |
| 0                   | 0    | 0  | 18     |     |  | 3    |
| 0                   | 0    | 0  | 18     |     |  | 3    |
| 13.5                | 13.5 | 0  | 0      |     |  | 2    |
| 12                  | 6    | 0  | 0      |     |  | 1    |
| 0                   | 0    | 12 | 0      |     |  | 1    |
| 0                   | 15   | 0  | 0      |     |  | 1    |
| 12                  | 6    | 0  | 0      |     |  | 1    |
| 9                   | 6    | 0  | 0      |     |  | 1    |
| 13.5                | 0    | 0  | 0      |     |  | 1    |
| 0                   | 24   | 0  | 0      |     |  | 2    |
| 0                   | 24   | 0  | 0      |     |  | 2    |
| 0                   | 28   | 0  | 0      |     |  | 2    |

| Mutualisation Cours |
|---------------------|
| G2+GC2              |
| G2+GC2+GCE2         |
| G2+GC2+GCE2         |
| G2+GC2+GCE2         |
| G2                  |
| G2                  |
| G2+G3P+AI1_topo     |
| G2+G3P              |
| G2+G3P              |
| G2                  |
| G2+GC2              |
| G2+GC2              |
| G2+GC2              |
| STH1+I2             |
| STH1+I2             |
| STH1+I2             |
| I2 DIA              |

|       |       |  |  |  |  |  |  |  |   |
|-------|-------|--|--|--|--|--|--|--|---|
| Stage | STI-1 |  |  |  |  |  |  |  | 4 |
|-------|-------|--|--|--|--|--|--|--|---|

|   |   |   |   |   |    |
|---|---|---|---|---|----|
| 0 | 0 | 0 | 0 | 0 | 30 |
| 0 |   |   |   |   |    |

|       |     |    |    |   |    |
|-------|-----|----|----|---|----|
| 115.5 | 150 | 12 | 42 | 0 | 31 |
| 319.5 |     |    |    |   |    |

|       |     |    |    |   |    |
|-------|-----|----|----|---|----|
| 115.5 | 154 | 12 | 42 | 0 | 31 |
| 323.5 |     |    |    |   |    |

|                               |       |     |    |    |   |    |
|-------------------------------|-------|-----|----|----|---|----|
| Total Semestre                | 115.5 | 150 | 12 | 42 | 0 | 31 |
| Total face à face pédagogique | 319.5 |     |    |    |   |    |

|   |   |   |   |   |    |
|---|---|---|---|---|----|
| 0 | 0 | 0 | 0 | 0 | 30 |
| 0 |   |   |   |   |    |

|       |       |      |    |   |    |
|-------|-------|------|----|---|----|
| 277.5 | 335.5 | 67.5 | 42 | 0 | 60 |
| 722.5 |       |      |    |   |    |

|       |       |      |    |   |    |
|-------|-------|------|----|---|----|
| 277.5 | 339.5 | 67.5 | 42 | 0 | 60 |
| 726.5 |       |      |    |   |    |

|                               |       |       |      |    |   |    |
|-------------------------------|-------|-------|------|----|---|----|
| Total Annuel                  | 277.5 | 331.5 | 67.5 | 42 | 0 | 60 |
| Total face à face pédagogique | 718.5 |       |      |    |   |    |

|   |   |   |   |   |    |
|---|---|---|---|---|----|
| 0 | 0 | 0 | 0 | 0 | 60 |
| 0 |   |   |   |   |    |

|       |       |      |    |   |    |
|-------|-------|------|----|---|----|
| 277.5 | 335.5 | 67.5 | 42 | 0 | 60 |
| 722.5 |       |      |    |   |    |

|       |       |      |    |   |    |
|-------|-------|------|----|---|----|
| 277.5 | 339.5 | 67.5 | 42 | 0 | 60 |
| 726.5 |       |      |    |   |    |

Remarque : Label DI au moins 1 stage dans un pays premières années d'études à l'INSA