



الجامعة اللبنانية  
المعهد العالي للدكتوراه في العلوم والتكنولوجيا



Master 2 Recherche Math et Images, horaires des cours

|              | Lundi                             | Mardi                             | Mercredi                          | Jeudi                             | Vendredi                          | Samedi                            |
|--------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|              | 3 Oct.                            | 4 Oct.                            | 6 Oct.                            | 7 Oct.                            | 8 Oct.                            | 9 Oct.                            |
| Matin        |                                   |                                   |                                   |                                   | M. Jazar<br>CB4<br>10:00-12:00    |                                   |
| 3 - 8 Oct.   |                                   |                                   |                                   |                                   |                                   |                                   |
| Ap.Midi      |                                   |                                   |                                   |                                   | M. Khalil CB11<br>14:00-17:00     |                                   |
|              | 10 Oct.                           | 11 Oct.                           | 12 Oct.                           | 13 Oct.                           | 14 Oct.                           | 15 Oct.                           |
| Matin        | M. Jazar<br>CB4<br>10:00-12:00    | M. Jazar<br>CB4<br>10:00-12:00    | A. Assoum<br>CB5<br>9:00-12:00    | M. Jazar<br>CB4<br>10:00-12:00    | M. Jazar<br>CB4<br>10:00-12:00    | A. Assoum<br>CB5<br>9:00-12:00    |
| 10 - 15 Oct. |                                   |                                   |                                   |                                   |                                   |                                   |
| Ap.Midi      |                                   |                                   |                                   |                                   | M. Khalil CB11<br>14:00-17:00     |                                   |
|              | 17 Oct.                           | 18 Oct.                           | 19 Oct.                           | 20 Oct.                           | 21 Oct.                           | 22 Oct.                           |
| Matin        | M. Jazar<br>CB4<br>10:00-12:00    | A. Assoum<br>CB5<br>9:00-12:00    | A. Assoum<br>CB5<br>10:00-13:00   | M. Jazar<br>CB4<br>9:00-12:00     | M. Jazar<br>CB4<br>9:00-12:00     | A. Assoum<br>CB5<br>9:00-11:00    |
| 17 - 22 Oct. |                                   |                                   |                                   |                                   |                                   |                                   |
| Ap.Midi      |                                   |                                   |                                   |                                   | M. Khalil CB11<br>14:00-17:00     |                                   |
|              | 24 Oct.                           | 25 Oct.                           | 26 Oct.                           | 27 Oct.                           | 28 Oct.                           | 29 Oct.                           |
| Matin        |                                   | A. El Soufi<br>CB2<br>10:00-13:30 | A. El Soufi<br>CB2<br>10:00-13:30 | A. El Soufi<br>CB2<br>10:00-12:30 | C. Louchet<br>CB61<br>10:00-12:00 | C. Louchet<br>CB61<br>9:00-11:00  |
| 24 - 29 Oct. |                                   |                                   |                                   |                                   |                                   |                                   |
| Ap. Midi     | A. El Soufi<br>CB2<br>12:30-15:00 |                                   |                                   | C. Louchet<br>CB61<br>14:00-16:00 | M. Khalil<br>CB11<br>14:00-17:00  | A. El Soufi<br>CB2<br>12:00-14:00 |

|                | Lundi                             | Mardi                            | Mercredi | Jeudi                             | Vendredi | Samedi |
|----------------|-----------------------------------|----------------------------------|----------|-----------------------------------|----------|--------|
|                | 31 Oct.                           | 1 Nov.                           | 2 Nov.   | 3 Nov.                            | 4 Nov.   | 5 Nov. |
| Matin          | A. El Soufi<br>CB2<br>10:00-13:30 | C. Louchet<br>CB61<br>8:00-13:00 |          | C. Louchet<br>CB61<br>11:30-15:30 |          |        |
| 30 Oct - 5 Nov |                                   |                                  |          |                                   |          |        |

|             |                                    |                                  |                                    |                                    |                                    |                                    |
|-------------|------------------------------------|----------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Ap. Midi    |                                    |                                  |                                    |                                    | M. Khalil<br>CB11<br>14:00-17:00   |                                    |
|             | 7 Nov.                             | 8 Nov.                           | 9 Nov.                             | 10 Nov.                            | 11 Nov.                            | 12 Nov.                            |
| Matin       |                                    |                                  |                                    |                                    |                                    |                                    |
| 7 - 12 Nov  |                                    |                                  |                                    |                                    |                                    |                                    |
| Ap. Midi    |                                    |                                  |                                    |                                    |                                    |                                    |
|             | 14 Nov.                            | 15 Nov.                          | 16 Nov.                            | 17 Nov.                            | 18 Nov.                            | 19 Nov.                            |
| Matin       |                                    | Rita Hoblos<br>CB4<br>9:00-12:00 | Rita Hoblos<br>CB4<br>9:00-12:00   |                                    | Rita Hoblos<br>CB4<br>9:00-11:00   | L. Gallouz<br>CB12<br>9:00-12:00   |
| 14 - 19 Nov |                                    |                                  |                                    |                                    |                                    |                                    |
| Ap. Midi    |                                    |                                  |                                    |                                    | M. Khalil<br>CB11<br>14:00-17:00   | R. Bouhlila<br>CB12<br>13:30-17:00 |
|             | 21 Nov.                            | 22 Nov.                          | 23 Nov.                            | 24 Nov.                            | 25 Nov.                            | 26 Nov.                            |
| Matin       | L. Gallouz<br>CB12<br>8:30-12:00   |                                  | L. Gallouz<br>CB12<br>8:30-12:00   | L. Gallouz<br>CB12<br>8:30-12:00   | A. El Hamidi<br>CB3<br>10:00-13:30 | A. El Hamidi<br>CB3<br>10:00-13:30 |
| 21 - 26 Nov |                                    |                                  |                                    |                                    |                                    |                                    |
| Ap. Midi    | R. Bouhlila<br>CB12<br>13:30-17:00 |                                  | R. Bouhlila<br>CB12<br>13:30-17:00 | R. Bouhlila<br>CB12<br>13:30-17:00 | M. Khalil<br>CB11<br>14:00-17:00   |                                    |

|                | Lundi                              | Mardi                              | Mercredi                           | Jeudi                              | Vendredi                       | Samedi                         |
|----------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--------------------------------|--------------------------------|
|                | 28 Nov.                            | 29 Nov.                            | 30 Nov.                            | 1 Déc.                             | 2 Déc.                         | 3 Déc.                         |
| Matin          | A. El Hamidi<br>CB3<br>10:00-13:30 | A. El Hamidi<br>CB3<br>10:00-13:30 | Rita Hoblos<br>CB4<br>9:00-12:00   | A. El Hamidi<br>CB3<br>10:00-13:30 |                                |                                |
| 28 Nov - 3 Dec |                                    |                                    |                                    |                                    |                                |                                |
| Ap. Midi       |                                    |                                    | A. El Hamidi<br>CB3<br>13:30-16:30 |                                    | M. Khalil CB11<br>14:00-17:00  |                                |
|                | 5 Déc.                             | 6 Déc.                             | 7 Déc.                             | 8 Déc.                             | 9 Déc.                         | 10 Déc.                        |
| Matin          | Exam CB12<br>Bouhlila+Gallouz      |                                    | Moukaddem<br>CS1<br>10:00-12:00    |                                    | H. Khalil<br>CB5<br>8:00-10:00 | H. Khalil<br>CB5<br>9:00-12:00 |
| 5 - 10 Déc.    |                                    |                                    |                                    |                                    |                                |                                |
| Ap. Midi       |                                    |                                    |                                    |                                    |                                |                                |
|                | 12 Déc.                            | 13 Déc.                            | 14 Déc.                            | 15 Déc.                            | 16 Déc.                        | 17 Déc.                        |
| Matin          | Exam CB2<br>El Soufi               |                                    | Moukaddem<br>CS1<br>10:00-12:00    |                                    | H. Khalil<br>CB5<br>8:00-10:00 | H. Khalil<br>CB5<br>9:00-12:00 |

|                          |                    |         |         |                        |                               |         |
|--------------------------|--------------------|---------|---------|------------------------|-------------------------------|---------|
| 12 – 17 Déc.<br>Ap. Midi |                    |         |         |                        | M. Khalil CB11<br>14:00-17:00 |         |
|                          | 19 Déc.            | 20 Déc. | 21 Déc. | 22 Déc.                | 23 Déc.                       | 24 Déc. |
| Matin                    | Exam CB3 El Hamidi |         |         | ExamCB4 Hoblos + Jazar | Moukaddem<br>9:00-11:00       |         |
| 19 – 24 Déc.<br>Ap. Midi |                    |         |         |                        | M. Khalil CB11<br>14:00-17:00 |         |
|                          | 26 Déc.            | 27 Déc. | 28 Déc. | 29 Déc.                | 30 Déc.                       | 31 Déc. |
| 26 – 31 Déc.             |                    |         |         |                        |                               |         |

|              | Lundi                               | Mardi                               | Mercredi                            | Jeudi                              | Vendredi                            | Samedi                             |
|--------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|------------------------------------|
|              | 2 Jan.                              | 3 Jan.                              | 4 Jan.                              | 5 Jan.                             | 6 Jan.                              | 7 Jan.                             |
| 2–7 Jan.     |                                     | Exam CB4 Hoblos + Jazar             |                                     | Exam CB61 Louchet                  | M. Berthier<br>CS1<br>8:30-11:30    | M. Berthier<br>CS1<br>9:00-12:00   |
|              | 9 Jan.                              | 10 Jan.                             | 11 Jan.                             | 12 Jan.                            | 13 Jan.                             | 14 Jan.                            |
| Matin        | M. Berthier<br>CS1<br>9:00 -11:00   | M. Berthier<br>CS1<br>9:00 -11:01   | M. Berthier<br>CS1<br>9:00 -11:02   | R. Ababou<br>CS32<br>9:00-11:00    | R. Ababou<br>CS32<br>8:30 -11:30    | R. Ababou<br>CS32<br>8:30 -10:30   |
| 9 - 14 Jan   | S. El Assad<br>CS31<br>12:30 -15:00 | S. El Assad<br>CS31<br>12:30 -15:01 | S. El Assad<br>CS31<br>12:30 -15:02 | M. Berthier<br>CS1<br>11:30-13:30  |                                     | R. Ababou<br>CS32<br>11:00 -13:00  |
| Ap. Midi     |                                     |                                     |                                     | R. Ababou<br>CS32<br>15:00 -17:00  | R. Ababou<br>CS32<br>14:00 -16:00   |                                    |
|              | 16 Jan.                             | 17 Jan.                             | 18 Jan.                             | 19 Jan.                            | 20 Jan.                             | 21 Jan.                            |
| Matin        | A. Al Bitar<br>CS32<br>9:00 -12:00  | D. Labat<br>CB62<br>9:00 - 12:00    | D. Labat<br>CB62<br>9:00 - 12:00    | A. Al Bitar<br>CS32<br>9:00 -12:00 | A. Al Bitar<br>CS32<br>8:30 -11:30  | A. Al Bitar<br>CS32<br>9:00 -12:00 |
| Ap. Midi     | A. Al Bitar<br>CS32<br>14:00 -16:00 | D. Labat<br>CB62<br>14:00 - 17:00   | D. Labat<br>CB62<br>14:00 - 17:00   |                                    | A. Al Bitar<br>CS32<br>13:30 -16:30 | M. Khalil<br>8H-11H<br>CS31        |
|              | 23 Jan.                             | 24 Jan.                             | 25 Jan.                             | 26 Jan.                            | 27 Jan.                             | 28 Jan.                            |
| Matin        |                                     | Exam CS32 Ababou                    |                                     |                                    | A. El Badia<br>CS2<br>9:00-11:30    | M. Khalil<br>8H-11H<br>CS31        |
| 23 – 28 Jan. |                                     | A. Shahine<br>15:00-18:00           | A. El Badia<br>CS2                  |                                    | A. Shahine<br>15:00-18:00           |                                    |

|          |  |      |              |  |      |  |
|----------|--|------|--------------|--|------|--|
| Ap. Midi |  | CB11 | 14:00 -16:00 |  | CB11 |  |
|----------|--|------|--------------|--|------|--|

|                         | Lundi                              | Mardi                              | Mercredi                           | Jeudi                              | Vendredi                           | Samedi |
|-------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--------|
|                         | 30 Jan.                            | 31 Jan.                            | 1 Fev.                             | 2 Fev.                             | 3 Fev.                             | 4 Fev. |
| Matin<br>30Jan - 4 Fev. |                                    | Fadi Chakik<br>CS31<br>8:30-11:30  |                                    | Fadi Chakik<br>CS31<br>8:30-11:30  | A. El Badia<br>CS2<br>9:00-11:30   |        |
| Après Midi              | A. El Badia<br>CS2<br>14:00 -17:00 | A. El Badia<br>CS2<br>14:00 -17:00 | A. El Badia<br>CS2<br>14:00 -17:00 | A. El Badia<br>CS2<br>14:00 -17:00 | A. El Badia<br>CS2<br>14:00 -17:00 |        |

|                         | Lundi    | Mardi  | Mercredi | Jeudi                  | Vendredi | Samedi    |
|-------------------------|----------|--------|----------|------------------------|----------|-----------|
|                         | 6 Fev.   | 7 Fev. | 8 Fev.   | 9 Fev.                 | 10 Fev.  | 11 Fev.   |
| Matin<br>30Jan - 4 Fev. | Exam CS1 |        |          | Exam CB62<br>Exam CS31 |          | Exam CB11 |
| Après Midi              |          |        |          |                        |          |           |

|                         | Lundi    | Mardi   | Mercredi | Jeudi   | Vendredi | Samedi  |
|-------------------------|----------|---------|----------|---------|----------|---------|
|                         | 13 Fev.  | 14 Fev. | 15 Fev.  | 16 Fev. | 17 Fev.  | 18 Fev. |
| Matin<br>30Jan - 4 Fev. | Exam CS2 |         | Exam CB5 |         |          |         |
| Après Midi              |          |         |          |         |          |         |

#### Cours communs

|     |                          | Prof                    | Examen   |
|-----|--------------------------|-------------------------|----------|
| CB2 | Géométrie                | El soufi                | x        |
| CB3 | Calcul des variations... | El Hamidi               | x        |
| CB4 | Outils d'analyse         | Hoblos + Jazar          | x        |
| CB5 | Méthodes numériques      | Assoum+H.Khalil+Monneau | 15-02-12 |
| CS1 | Algèbre de Clifford      | Berthier                | 06-02-12 |
| CS2 | Problèmes inverses       | El Badia                | 13-02-12 |

#### Cours Image

|      |                                   |                 |          |
|------|-----------------------------------|-----------------|----------|
| CB11 | Traitement d'image                | Khalil + Shahin | 11-02-12 |
| CB61 | Fonctions à variations bornées... | Louchet         | x        |
| CS31 | Séquencement...                   | Khalil + Chakik | 09-02-12 |

#### Cours Hydrologie

|      |                              |                     |          |
|------|------------------------------|---------------------|----------|
| CB12 | Modélisation Mathématiques   | Bouhlila + Guellouz | ×        |
| CB62 | Modélisation hydrogéologique | Labat               | 09-02-12 |
| CS32 | Ecoulement...                | Ababou              | x        |