

## **Master en sciences des données - *MSc. in Data Science***

Les informations détaillées à propos de chaque cours sont disponibles en cliquant sur le code cours. En particulier, l'horaire précis, jour par jour, et les locaux correspondants sont accessibles via la rubrique "Horaire".

*Detailed information about each course unit is available by clicking the course code. In particular, the detailed schedule, day by day, and the corresponding classrooms are provided under the "Schedule" sub-title.*

| Q1<br>T1 | Lundi<br>Monday | Mardi<br>Tuesday  | Mercredi<br>Wednesday   | Jeudi<br>Thursday  | Vendredi<br>Friday  |
|----------|-----------------|---|---|--|---|
| am       | Bloc 0          | <a href="#">MATH0487-2</a> , PRE 08h15-10h15<br>Eléments de statistiques<br><a href="#">MATH0495-1</a> , PRE 08h30-12h30<br>Eléments du calcul des probabilités             | <a href="#">MATH2020-1</a> , PRE 08h15-10h15<br>Mathématiques pour l'informatique 2<br><a href="#">MATH2020-1</a> , PRE 10h30-12h30<br>Mathématiques pour l'informatique 2    |  | <a href="#">MATH0500-1</a> , PRE 08h30-12h30<br>Introduction à l'algorithmique nu- ...  |
|          | Bloc 1          | <a href="#">INFO0016-1</a> , OPT 08h30-12h30<br>Introduction to the theory of compu- ...<br><a href="#">MATH2021-1</a> , OBL - PF 8h30-12h30<br>High-dimensional statistics | <a href="#">ELEN0062-1</a> , OBL - PF 09h00-12h30<br>Introduction to machine learning<br><a href="#">GEOG0059-1</a> , OPT 09h00-12h00<br>Infrastructures de données spatiales | <a href="#">INFO9016-1</a> , OBL - PF 08h30-12h30<br>Advanced Databases                |   |
|          | Bloc 2          | <a href="#">GEST3162-1</a> , OBL 09h00-12h00<br>Principles of management<br><a href="#">SPAT0263-1</a> , OPT 08h30-12h30<br>Machine Learning in Space Sciences              | <a href="#">DROI1357-1</a> , OBL 10h45-12h45<br>European law, (big) data and artifi- ...  |  | <a href="#">GEST3032-1</a> , OPT 09h00-12h20<br>eCommerce Methods and Techniques        |
| pm       | Bloc 0          | <a href="#">MATH0499-1</a> , PRE 13h30-17h30<br>Théorie des graphes   | <a href="#">MATH2019-1</a> , PRE 13h30-15h30<br>Mathématiques pour l'informatique 1<br><a href="#">MATH2019-1</a> , PRE 15h45-17h45<br>Mathématiques pour l'informatique 1    | <a href="#">INFO0054-1</a> , OPT 13h45-17h45<br>Programmation fonctionnelle            |   |
|          | Bloc 1          | <a href="#">DATS0001-1</a> , OBL - PF 13h45-17h45<br>Foundations of data science  | <a href="#">INFO9015-1</a> , OPT 13h45-17h45<br>Logic for Computer Science<br><a href="#">OCEA0089-1</a> , OPT 14h00-17h00<br>Introduction to marine ecosystems ...           | <a href="#">MATH0461-2</a> , OPT 13h45-17h45<br>Introduction to numerical optimization | <a href="#">FINA0063-1</a> , OPT 13h00-16h00<br>Advanced Statistical Methods in Fi- ... |
|          | Bloc 2          |   | <a href="#">GBIO0002-1</a> , OPT 13h45-17h45<br>Genetics and bioinformatics<br><a href="#">INFO0939-1</a> , OPT 13h45-17h45<br>High performance scientific computing          | <a href="#">ELEN0016-2</a> , OPT 13h45-17h45<br>Computer vision                        | <a href="#">INFO2049-1</a> , OPT 14h00-17h00<br>Web and Text Analytics                  |

| Q2<br>T2 | Lundi<br>Monday  | Mardi<br>Tuesday  | Mercredi<br>Wednesday   | Jeudi<br>Thursday   | Vendredi<br>Friday  |
|----------|--|---|---|---|---|
| am       | <p>Bloc 0</p> <p><b>INFO0009-2</b>, PRE 08h30-12h30<br/>Bases de données (organisation gé- ...</p> <p>Bloc 1</p> <p><b>INFO9023-1</b>, OPT 08h30-12h30<br/>Machine Learning Systems Design</p> <p>Bloc 2</p> <p><b>MQGE0002-3</b>, OPT 9h00-12h00<br/>Computational Optimization<br/>du 1/02 au 8/03</p> | <p><b>INFO9014-1</b>, OBL - PF 08h30-12h30<br/>Knowledge representation and rea- ...</p>  | <p><b>MATH0462-1</b>, OPT 08h30-12h30<br/>Discrete optimization</p> | <p><b>INFO0062-1</b>, PRE 08h30-12h30<br/>Object-oriented programming</p> <p><b>GEST0832-4</b>, OPT 10h15-11h45<br/>Marchés financiers</p> <p><b>INFO8004-1</b>, OPT 09h00-12h30<br/>Advanced Machine learning</p>  | <p><b>INFO0902-1</b>, PRE 08h30-12h30<br/>Structures des données et algorithmes</p> <p><b>INFO8010-1</b>, OBL - PF 08h30-12h30<br/>Deep learning</p>    |
| pm       | <p>Bloc 0</p> <p>Bloc 1</p> <p><b>PROJ0021-1</b>, OBL 13h45-17h45<br/>Data science project</p> <p>Bloc 2</p> <p><b>SPAT0264-1</b>, OPT 13h45-17h45<br/>Machine Learning for Gravitational- ...</p>   | <p><b>MATH1222-3</b>, PRE 13h00-16h00<br/>Introduction aux processus stochas- ...</p> <p><b>GEST0832-4</b>, OPT 14h30-17h45<br/>Marchés financiers</p> <p><b>INFO8003-1</b>, OPT 13h45-17h45<br/>Reinforcement learning</p> <p><b>MATH1222-3</b>, OPT 13h00-16h00<br/>Introduction aux processus stochas- ...</p> <p><b>GBIO0030-1</b>, OPT 13h00-18h00<br/>Computational approaches to statis- ...</p> <p><b>MATH2022-1</b>, OPT 13h00-17h00<br/>Monte Carlo methods in statistics</p> | <p><b>SYST0022-1</b>, OPT 13h45-17h45<br/>Linear Systems Design</p> | <p><b>ELEN0060-2</b>, OPT 13h30-17h30<br/>Information and coding theory</p> <p><b>GEOG0057-1</b>, OPT 14h30-17h30<br/>Analyse spatiale</p> <p><b>INFO9012-1</b>, OPT 13h45-17h45<br/>Parallel Programming</p> <p><b>MQGE0002-3</b>, OPT 13h00-15h00<br/>Computational Optimization<br/>du 4/02 au 22/04</p> | <p><b>INFO0027-2</b>, OPT 13h45-17h45<br/>Programming techniques</p> <p><b>INFO0948-2</b>, OPT 13h45-17h45<br/>Introduction to intelligent robotics</p> |

## Remarques - Comments

**ASTG9009-1**, Internship (independent of Master thesis), GEURTS Pierre

TA- Horaire à définir - *schedule to be defined*

**ELEN0449-1**, Computer Vision understanding, CIOPPA Anthony

Q2- Horaire à définir - *schedule to be defined*

**INFO9030-1**, Explainable Artificial Intelligence, HUYNH-THU Vân Anh

Q2- Horaire à définir - *schedule to be defined*

**BIOL0021-1**, Biologie des systèmes, MEYER Patrick

Q1- Horaire à définir - *schedule to be defined*

**ATFE9009-1**, Master thesis, DEBRUYNE Christophe

TA- Horaire à définir - *schedule to be defined*