## Liossatos Orfeas Ioannis

Matricule fédéral : **19-806-967**

# Relevé des résultats (13.03.2025)

## Master SC_DS

Nom du master : **Master of Science MSc en Data Science**

Section : **Data Science**

| *Matières* | | *Forme* | *Langue enseign.* | *Session* | *Note ou (moyenne)* | *Crédits ou (Coeff)* | *Crédits obtenus* | |
|---|---|---|---|---|---|---|---|---|
| **MASTER SC_DS** | | | | | | **120** | **94** | |
| **Projet de Master** | | | | | | **30** | **0** | |
| *(COM-596)* | Engineering internship credited with Master project (master in Data science) | M | EN | 09.2024 | R | | | |
| *(COM-598)* | Master project in Data science | O | EN | | | 30 | | |
| **Cycle master** | | | | | | **90** | **94** | **Provisoire, autorisé PDM** |
| **Groupe "Core courses & options"** | | | | | | **72** | **76** | |
| **Groupe 1** | | | | | **5.23** | **30** | **37** | **Réussi** |
| *(CS-450)* | Algorithms II | E | EN | 02.2025 | 5.5 | 8 | 8 | |
| *(CS-401)* | Applied data analysis | E | EN | 02.2024 | 5.5 | 8 | 8 | |
| *(COM-406)* | Foundations of Data Science | E | EN | 02.2023 | 4.5 | 8 | 8 | |
| *(CS-433)* | Machine learning | E | EN | 02.2023 | 5.25 | 8 | 8 | |
| *(CS-439)* | Optimization for machine learning | E | EN | 07.2023 | 5.5 | 5 | 5 | |
| **Groupe 2 : Options** | | | | | **5.71** | | **14** | **Réussi** |
| *(CS-457)* | Geometric computing | E | EN | 02.2025 | 6 | 6 | 6 | |
| *(CS-526)* | Learning theory | E | EN | 07.2023 | 5.5 | 4 | 4 | |
| *(COM-516)* | Markov chains and algorithmic applications | E | EN | 02.2023 | 5.5 | 4 | 4 | |
| **Mineur : Mathématiques** | | | | | | **30** | **25** | |
| *(MATH-311)* | Algebra IV - rings and modules | E | EN | 02.2024 | 4.5 | 5 | 5 | |
| *(MATH-518)* | Ergodic theory | O | EN | 02.2025 | 6 | 5 | 5 | |
| *(MATH-504)* | Integer optimisation | O | EN | 07.2023 | 5.75 | 5 | 5 | |
| *(MATH-303)* | Measures and integration | E | EN | 02.2025 | 5.25 | 5 | 5 | |
| *(MATH-489)* | Number theory in cryptography | E | EN | 07.2023 | 4.5 | 5 | 5 | |
| *(MATH-512)* | Optimization on manifolds | PS | EN | | | 5 | | |
| **Bloc "Projets et SHS"** | | | | | **5.63** | **18** | **18** | **Réussi** |
| *(COM-412)* | Research project in Data Science | PS | EN | 02.2024 | 5.75 | 12 | 12 | |
| *(HUM-471)* | Economic growth and sustainability I | PS | EN | 02.2023 | 5 | 3 | 3 | |
| *(HUM-470)* | Economic growth and sustainability II | PS | EN | 07.2023 | 5.75 | 3 | 3 | |

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Remarques :
- Il se peut que des crédits et des moyennes ne soient pas calculés en fonction de la date d'impression du relevé de notes.
- Les notes et décisions sont masquées durant la période des examens. Les notes redeviennent visibles à la fin de la session d'examens
  et sont définitivement confirmées durant la Conférence des Examens, suite à laquelle les décisions apparaitront.
- Seul le bulletin original imprimé sur du papier blanc avec un filigrane central et signé par le Vice-Président pour les Affaires Académiques fournit les résultats définitifs.
- Formes d'examens : E=écrit, O=oral, PS=pendant le semestre, EO=écrit & oral, MULTI=multiple, M=mémoire, EX=exposé, TP=rapport de TP, ECH=hors plans
- Les branches sont notées de 1 à 6, la meilleure note étant 6. Une note en dessous de 4 sanctionne une prestation insuffisante. Les 1/4 de points sont admis. Lorsque la note de la branche est inférieure à 1 ou pour absence non justifiée, la branche est considérée comme non acquise et notée NA. La lettre D correspond à la dispense d'une épreuve. Les lettres R ou E correspondent à la réussite ou à l'échec d'une branche pour laquelle un résultat n'est pas fourni. Un M correspond à une absence justifiée.

Voir les remarques présentes à la fin du relevé

Suisse, Lausanne, le 13 mars 2025

## Liossatos Orfeas Ioannis

Federal number **19-806-967**

# Statement of results (13.03.2025)

## Master SC_DS

Name of the master: **Master of Science MSc in Data Science**

Section: **Data Science**

| *Subjects* | | *Forms* | *Teaching Language* | *Session* | *Grade or (average)* | *Credits or (Coeff)* | *Obtained credits* | |
|---|---|---|---|---|---|---|---|---|
| **MASTER SC_DS** | | | | | | **120** | **94** | |
| **Master project** | | | | | | **30** | **0** | |
| *(COM-596)* | Engineering internship credited with Master project (master in Data science) | M | EN | 09.2024 | R | | | |
| *(COM-598)* | Master project in Data science | O | EN | | | 30 | | |
| **Master cycle** | | | | | | **90** | **94** | **Provisional, authorized PDM** |
| **Group "Core courses & options"** | | | | | | **72** | **76** | |
| **Group 1** | | | | | **5.23** | **30** | **37** | **Passed** |
| *(CS-450)* | Algorithms II | E | EN | 02.2025 | 5.5 | 8 | 8 | |
| *(CS-401)* | Applied data analysis | E | EN | 02.2024 | 5.5 | 8 | 8 | |
| *(COM-406)* | Foundations of Data Science | E | EN | 02.2023 | 4.5 | 8 | 8 | |
| *(CS-433)* | Machine learning | E | EN | 02.2023 | 5.25 | 8 | 8 | |
| *(CS-439)* | Optimization for machine learning | E | EN | 07.2023 | 5.5 | 5 | 5 | |
| **Group 2 : Options** | | | | | **5.71** | | **14** | **Passed** |
| *(CS-457)* | Geometric computing | E | EN | 02.2025 | 6 | 6 | 6 | |
| *(CS-526)* | Learning theory | E | EN | 07.2023 | 5.5 | 4 | 4 | |
| *(COM-516)* | Markov chains and algorithmic applications | E | EN | 02.2023 | 5.5 | 4 | 4 | |
| **Minor : Mathematics** | | | | | | **30** | **25** | |
| *(MATH-311)* | Algebra IV - rings and modules | E | EN | 02.2024 | 4.5 | 5 | 5 | |
| *(MATH-518)* | Ergodic theory | O | EN | 02.2025 | 6 | 5 | 5 | |
| *(MATH-504)* | Integer optimisation | O | EN | 07.2023 | 5.75 | 5 | 5 | |
| *(MATH-303)* | Measures and integration | E | EN | 02.2025 | 5.25 | 5 | 5 | |
| *(MATH-489)* | Number theory in cryptography | E | EN | 07.2023 | 4.5 | 5 | 5 | |
| *(MATH-512)* | Optimization on manifolds | PS | EN | | | 5 | | |
| **Block "Projects & SHS"** | | | | | **5.63** | **18** | **18** | **Passed** |
| *(COM-412)* | Semester research project in Data Science | PS | EN | 02.2024 | 5.75 | 12 | 12 | |
| *(HUM-471)* | Economic growth and sustainability I | PS | EN | 02.2023 | 5 | 3 | 3 | |
| *(HUM-470)* | Economic growth and sustainability II | PS | EN | 07.2023 | 5.75 | 3 | 3 | |

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Federal number **19-806-967**

Remarks:
- It is possible that some credits and averages have not been calculated at the time this statement was printed.
- Marks of an exam session remain hidden until the end of the session and official decisions will only appear once the Conference for ratification of examination results has taken place and confirmed all results.
- Only the original mark sheet printed on white paper with central pale pink impression and signed by the Vice-President for Academic Affairs, is considered as the final result.
- Examination forms : E=written, O=oral, PS=during the semester, EO=written & oral, MULTI=multiple, M=term paper, EX=oral presentation, TP=project report, ECH=out of study plan
- Subjects are graded from 1 to 6, 6 being the highest grade. A grade below 4 indicates a fail. Quarter points are allowed. When the grade for a subject is below 1 or in case of non-attendance without valid justification, the subject is considered not acquired and graded NA. Letter D indicates an exemption ("dispense"). Letters R and E indicate a pass (R for "réussite") or fail (E for "échec") for subjects for which no grade is provided. M indicates non-attendance with valid justification.

Please read the remarks at the end of this statements of results

Switzerland, Lausanne, 13 mars 2025