UNIVERSITY OF OXFORD

## ACADEMIC TRANSCRIPT

### Personal Information

| | | | |
|---|---|---|---|
| Student: | Chen-Wei LIN | Date of Birth: | 16 April 1997 |
| University Reference: | 806801 | HESA Reference: | 1511560017782 |
| Qualification Sought: | Master of Mathematics | FHEQ Level: | Masters |
| Start Date: | 11 October 2015 | | |

### Programme Information

| | | | |
|---|---|---|---|
| Teaching Institution: | University of Oxford | Awarding Institution: | University of Oxford |
| College: | St Hugh's College | Mode of Attendance: | Full-time |
| Programme of Study: | Master of Mathematics in Mathematics | Language of Instruction: | English |

### Award Information

| | |
|---|---|
| Qualification Awarded: | Master of Mathematics in Mathematics |
| Classification: | Parts A & B: First Class<br>Part C: First Class |
| Date of Award: | 2 July 2019 |

### Assessment Information

| Academic Year | Assessment Name | Result Mark/Grade | Attempt Number |
|---|---|---|---|
| **Qualifying examinations** | | | |
| 2015/16 | Computational Mathematics Practical Work | 93 | 1 |
| 2015/16 | Mathematics I | 85 | 1 |
| 2015/16 | Mathematics II | 78 | 1 |
| 2015/16 | Mathematics III | 82 | 1 |
| 2015/16 | Mathematics IV | 75 | 1 |
| 2015/16 | Mathematics V | 81 | 1 |
| **Final Degree examinations** | | | |
| 2016/17 | A0 Linear Algebra | 88 | 1 |
| 2016/17 | A1 Differential Equations 1 | 65 | 1 |
| 2016/17 | A2 Metric Spaces and Complex Analysis | 74 | 1 |
| 2016/17 | A3 Rings and Modules | 61 | 1 |
| 2016/17 | A4 Integration | 100 | 1 |
| 2016/17 | A5 Topology | 86 | 1 |
| 2016/17 | A6 Differential Equations 2 | 69 | 1 |
| 2016/17 | A8 Probability | 91 | 1 |



Registrar

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### Assessment Information

| Academic Year | Assessment Name | Result Mark/Grade | Attempt Number |
|---|---|---|---|
| 2016/17 | ASO Short Options | 79 | 1 |
| 2017/18 | Algebraic Number Theory | 94 | 1 |
| 2017/18 | Commutative Algebra | 72 | 1 |
| 2017/18 | Functional Analysis I | 84 | 1 |
| 2017/18 | Functional Analysis II | 88 | 1 |
| 2017/18 | Galois Theory | 85 | 1 |
| 2017/18 | Introduction to Representation Theory | 72 | 1 |
| 2017/18 | Martingales Through Measure Theory | 93 | 1 |
| 2017/18 | Set Theory | 89 | 1 |
| 2018/19 | Algebraic Topology | 85 | 1 |
| 2018/19 | Category Theory | 72 | 1 |
| 2018/19 | Differentiable Manifolds | 83 | 1 |
| 2018/19 | Dissertation on a Mathematical Topic (double unit) | 85 | 1 |
| 2018/19 | Homological Algebra | 87 | 1 |
| 2018/19 | Introduction to Schemes | 75 | 1 |
| 2018/19 | Lie Groups | 84 | 1 |

The assessments listed under *Qualifying examinations* allow progression to the *Final Degree examinations* but do not count towards the candidate's overall degree classification.

Students on the four year Master of Mathematics degree receive a double classification, one at the end of their third year based on their second and third year work (Parts A and B in the ratio 40:60), and one at the end of their fourth year based on their fourth year work alone (Part C). At Part A students are permitted to take an additional optional course and offer 6 papers from A3–A11. Students who do not obtain Honours at Part C are awarded the BA.

End of Transcript



Registrar

# THE UNIVERSITY OF OXFORD

Academic Administration Division
Examination Schools
High Street, Oxford, OX1 4BG
United Kingdom

Telephone: +44(0)1865 286212
http://www.ox.ac.uk/students/graduation
email: degree.conferrals@admin.ox.ac.uk

### About the University of Oxford

The University of Oxford is an independent self-governing university. It is the oldest university in the English-speaking world and has been in continuous existence for some nine centuries. It is an international leader in learning, teaching and research. As a collegiate institution, it comprises the central university and 38 colleges and 6 permanent private halls.

### University of Oxford Transcripts

The transcript should not be released to another person, organisation or institution except to officials internal to your own organisation or institution who have a reasonable business use for the information. Release to other parties requires the written consent of the student. The following information is provided to aid in the evaluation of this student's academic record. Further explanation or detailed information can be obtained by contacting Degree Conferrals at the above address.

Under University regulations, Boards of Examiners may, where appropriate, take account of information additional to the profile of marks listed overleaf in deciding the final degree classification awarded to any student.

The explanatory text on the transcript is subject to change until such time that the programme of study is completed.

### Academic Credit

The University does not routinely apply credit weightings to its programmes and its courses are not generally taught on a modular basis. We take each year of full-time undergraduate study to equal 120 UK credits and 180 UK credits for Masters-level postgraduate study according to the Higher Education Credit Framework for England. In relation to the European Credit Transfer Scheme (ECTS), this is equivalent to 60 credits for undergraduate study and 90 credits for Masters-level postgraduate study.

### Framework for Higher Education Qualifications (FHEQ levels)

| | |
|---|---|
| 8 (Doctoral) | Doctoral Degrees (e.g. DPhil, DClinPsych) |
| 7 (Masters) | Master's Degrees (including Integrated Master's Degrees)<br>Postgraduate Diplomas & Certificates |
| 6 (Honours) | Bachelor's Degrees with Honours<br>Bachelor's Degrees<br>Professional Graduate Certificate in Education |
| 5 (Intermediate) | Undergraduate Diplomas |
| 4 (Cert) | Undergraduate Certificates |

### Mark Scales

All marks included on a final academic transcript have been ratified by the Registrar. Examiners are required to express final agreed marks on all formally assessed work according to the following marking scales:

### Undergraduate Programmes

| | Model 1 | Model 2 |
|---|---|---|
| 70-100 | First Class | Distinction |
| 60-69 | Upper Second Class | Pass |
| 50-59 | Lower Second Class | Pass |
| 40-49 | Third Class | Pass |
| 30-39 | Pass | Fail |
| 0-29 | Fail | Fail |

Model 1 will be used for all final assessments. Model 2 will be used for all qualifying assessments unless the explanatory text overleaf states otherwise.

### Postgraduate Taught Programmes

For students who started their courses **before** October 2018.

| Model 1 | Model 2 | |
|---|---|---|
| 70-100 | 70-100 | Distinction |
| 50-69 | 60-69 | Pass |
| 0-49 | 0-59 | Fail |

For students who started their courses **from** October 2018.

| Model 1 | Model 2 | |
|---|---|---|
| 70-100 | 70-100 | Distinction |
| N/A | 65-69 | Merit |
| 50-69 | 50-64 | Pass |
| 0-49 | 0-49 | Fail |

Model 2 will be used for all Award Programmes unless the explanatory text overleaf states otherwise.

### Transcript Terminology

*Results Not Moderated (On Course Transcripts Only)*: Indicates a mark that may be subject to moderation in the process of concluding the final outcome of an examination comprising more than one part and taken over more than one year.

### Programme Information

The relevant *Examination Regulations* for the programme are available at:
https://www.admin.ox.ac.uk/examregs

### Authentication

This academic transcript can only be considered authentic if it is printed on official University of Oxford transcript paper and bears both the Registrar's signature and the official University hologram. Further authentication may be obtained by contacting Degree Conferrals at the address above.

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JOHNS HOPKINS
UNIVERSITY

ZANVYL KRIEGER SCHOOL OF ARTS & SCIENCES
Baltimore, MD 21218 www.jhu.edu/registrar

**GRADUATE INTERNAL TRANSCRIPT**

| Student Name | Person ID | Date of Birth | JHU Degree and Date Conferred | Date Printed |
|---|---|---|---|---|
| Lin, Chen-Wei | 909ECE | 04/16/xxxx | xxxxx | 7/4/2024 |

| Date Of Admission | Major | | Page 1 of 1 |
|---|---|---|---|
| August 2021 | Mathematics | | |
| Advisor | | Year of Study | |
| Gepner, David James | | Graduate | |

| DIV | DEPT | CRSE # | COURSE TITLE | GRADE | CLASS HOURS | LAB HOURS | CREDITS |
|---|---|---|---|---|---|---|---|
| **Fall 2021** | | | | | | | |
| AS | IDEP | 360.603 | Grad Orientation & Academic Ethics | P | | | |
| AS | MATH | 110.721 | Topics In Homotopy Type Theory | P | | | |
| AS | MATH | 110.733 | Topics In Alg Num Theory | A | | | |
| **Spring 2022** | | | | | | | |
| AS | MATH | 110.733 | Topics In Alg Num Theory | A | 4.0 | | |
| AS | MATH | 110.771 | Mathematics GTA Teaching Seminar | A | | | |
| AS | PHYS | 171.402 | Applied Quantum Information | AU | | | |
| **Fall 2022** | | | | | | | |
| AS | MATH | 110.733 | Topics In Alg Num Theory | A | | | |
| AS | MATH | 110.801 | Thesis Research | A | | | |
| AS | PHYS | 171.605 | Quantum Mechanics | AU | | | |
| AS | PHYS | 171.701 | Quantum Field Theory | AU | 2.5 | | |
| AS | PHYS | 171.749 | Machine Learning for Scientists | AU | | | |
| **Spring 2023** | | | | | | | |
| AS | MATH | 110.733 | Topics In Alg Num Theory | A | | | 3.0 |
| AS | MATH | 110.801 | Thesis Research | A | | | 10.0 |
| **Fall 2023** | | | | | | | |
| AS | MATH | 110.727 | Topics in Algebraic Topology | AU | | | |
| AS | MATH | 110.733 | Topics In Alg Num Theory | A | | | 3.0 |
| AS | MATH | 110.773 | Topics in Data Science | AU | | | |
| AS | MATH | 110.800 | Independent Stdy-Grads | A | | | 9.0 |
| EN | CSCI | 601.665 | Natural Language Processing | C | | | 3.0 |
| **Spring 2024** | | | | | | | |
| AS | MATH | 110.727 | Topics in Algebraic Topology | A | | | 3.0 |
| AS | MATH | 110.801 | Thesis Research | A | | | 10.0 |
| EN | APPM | 553.724 | Probabilistic Machine Learning | AU | | | |
| EN | CSCI | 601.672 | NLP for Computational Social Sci | A | | | 3.0 |
| EN | CSCI | 601.764 | Advanced NLP: Multilingual Methods | X | | | |



Advisors:
Gepner, David James 07/30/2021 - (Primary Advisor)

*******End Of Transcript*******