

TSINGHUA UNIVERSITY STUDENT REPORT – Michaelmas 2023

Name of student: **Shiying Zhang**

Course title: **Money and Banking**

Seminars or tutorials given: **4 hours of tutorials**

Catherine has worked very hard this term and has been a pleasure to teach, she should be very pleased with her efforts. For the first essay on the yield curve she produced a very good summary of key theoretical and empirical studies relating to the impact of monetary policy on the yield curve. My main feedback point was that she could apply this very effective exposition of material to the question more directly. In later work Catherine certainly addressed this feedback. I was very impressed with her class presentation on QE policies and their possible impact on inflation in which she brought to bear independently researched evidence on the impact of QE on base and broad money measures and inflation expectations. In class discussions Catherine offered good insights and was willing to respond to specific questions raised that extended the main discussion question or essay title. Overall, a strong performance for the half of the course for which I taught her.

Achievement: **Good**

Estimate of term's work: **β+ (Upper Second)**

Tutor's name and title: **Dr Christopher Bowdler, Tutor in Economics, Oriel College**

Course title: **International Economics**

Seminars or tutorials given: **8 hours of tutorials**

Shiying has done excellent work on the assignments, submitted them on time, and participated actively during tutorials.

Collection results: 80%. Part A: Question 1 90 points, Question 4 75 points. Part B: Question 1 75 points.

Achievement: **Excellent**

Estimate of term's work: **α- (First)**

Tutor's name and title: **Maria Eskelinen, DPhil Candidate, Department of Economics**

Course title: **Machine Learning**

Seminars or tutorials given: **4 hours of tutorials and 3 practical sessions**

Great participation in class.

Class 1 A+ among top students good and creative solutions

Class 2 A among top students good and creative solutions

Class 3 A+ among top students good and creative solutions

Class 4 A among top students good and creative solutions

Practical exercise 1 S+

Practical exercise 2 S+

Practical exercise 3 S+

Achievement: **Not available for departmental classes**

Estimate of term's work: **Not available for departmental classes**

Tutor's name and title: **Cornelius Emde, DPhil Candidate, Big Data Institute**

TSINGHUA UNIVERSITY STUDENT REPORT – Hilary 2024

Name of student: **Shiyang Zhang**

Course title: **Macroeconomics**

Seminars or tutorials given: **7 hours of tutorials**

Catherine did very well in macroeconomics and was a top-student through and through - she participated very actively in tutorial discussions and made excellent points, asked good questions, and the assignments she submitted were excellent. She has a very clear understanding of the problems we are working with and was always able to provide a sharp answer that is, both, to the point and goes beyond what had previously been discussed in lectures. Keeping up the good work, I'm sure that Catherine will do very well.

Achievement: **Excellent**

Estimate of term's work: **α- (First)**

Tutor's name and title: **Rosita Chankova, Stipendiary Lecturer in Economics, New College**

Course title: **Game Theory**

Seminars or tutorials given: **16 hours of tutorials**

This was an advanced undergraduate course in game theory. There were weekly problem sets, and topics included: Nash equilibrium (pure, mixed), correlated equilibrium, dominance solvability, rational inability, purification, Bayesian games, Global games, interactive epistemology, dynamic games, perfect Bayesian equilibrium and refinements, axiomatic bargaining, evolutionary games, auctions, VCG mechanisms, repeated games, and communication games.

Catherine was an excellent student. She submitted very high quality written work. Her answers were characteristically clear and well-explained. She also participated well in class, made good contributions, and asked pertinent questions. All-round, a terrific term. Grade A / 75.

Achievement: **Excellent**

Estimate of term's work: **α--- (First)**

Tutor's name and title: **Dr Bassel Tarbush, Tutor in Economics, Merton College**

Course title: **Deep Learning in Healthcare**

Seminars or tutorials given: **4 hours of tutorials and 4 practical sessions**

Practical exercise 1 S+

Practical exercise 2 S+

Practical exercise 3 S+

Practical exercise 4 S+

Achievement: **Not available for departmental classes**

Estimate of term's work: **Not available for departmental classes**

Tutor's name and title: **Dr Nicola Dinsdale, Postdoctoral Research Associate, Oxford Machine Learning Neuroimaging Group**

TSINGHUA UNIVERSITY STUDENT REPORT – Trinity 2024

Name of student: **Shiyong Zhang**

Course title: **Development of the World Economy since 1800**

Seminars or tutorials given: **4 hours of tutorials and 8 hours of classes**

Students taking the History of the World Economy paper with me this term were asked to attend weekly classes (for which they prepared a short handout) plus four tutorials.

Catherine produced excellent work for this paper. She prepared a series of well-researched and carefully-argued class presentations (which, I am sure, the other class members greatly appreciated) and wrote four very good essays. Catherine has a strong commitment to weighing evidence and thinking through suitable empirical strategies in order to tease out causal mechanisms when dealing with historical data. This meant that she was very well placed to engage with this paper. I very much appreciated Catherine's participation, and I wish her all the best for the future.

Achievement: **Excellent**
Estimate of term's work: **α-- (First)**

Tutor's name and title: **Dr Terry O'Shaughnessy, Emeritus Fellow, St Anne's College**

Course title: **Money and Banking**

Seminars or tutorials given: **3.5 hours of tutorials**

Shiyong submitted excellent coursework. She both wrote very diligent essays, participated actively in class and she wrote an excellent collection.

Achievement: **Excellent**
Estimate of term's work: **α-- (First)**

Tutor's name and title: **Dr Philip Schnattinger, Lecturer in Economics, Jesus College**

Academic Report

Academic Year 2023-24

This is to certify that Shiyang Zhang has completed those tutorial courses listed below, and achieved the grades indicated (please refer to the 'Recommended Conversion Scale' and 'Explanation of Transcript'). This student was also a Registered Visiting Student, with Oxford University privileges, at New College, Oxford.

Tutorial subject	Tutor	Oxford grade	Semester credits
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Michaelmas Term 2023 (October to December)

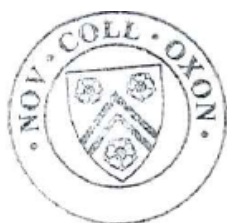
Money and Banking	Dr Christopher Bowdler	$\beta+$	4
International Economics	Maria Eskelinen	$\alpha-$	8
Machine Learning	Cornelius Emde	N.A.	7

Hilary Term 2024 (January to March)

Macroeconomics	Rosita Chankova	$\alpha-$	7
Game Theory	Dr Bassel Tarbush	$\alpha---$	16
Deep Learning in Healthcare	Dr Nicola Dinsdale	N.A.	8

Trinity Term 2024 (April to June)

Development of the World Economy since 1800	Dr Terry O'Shaughnessy	$\alpha--$	12
Money and Banking	Dr Philip Schnattinger	$\alpha--$	3.5



EXPLANATION OF TRANSCRIPT

This student has been taught (singly or in small groups) and given termly assessments in just the same way as degree candidates. Therefore, the course grades are normally given numerically or according to the traditional Alpha-Beta-Gamma (α - β - γ) scale.

HOWEVER, THE CONVERSION SCALE BELOW IS PROVIDED FOR THE INTEREST OF COMPLETED REGISTERED VISITING STUDENTS, AND FOR THE REGISTRARS AND FACULTY OF INTERESTED ACADEMIC BODIES WHO MAY SEEK TO AWARD GRADES AS WELL AS CREDIT.

The grades given on tutors' progress reports at the end of each Oxford term do not affect the class of degree that a matriculated student will eventually earn. Nevertheless, being based on a student's written and oral performance in one-to-one tutorials they constitute regular (and usually highly accurate) assessments of that student's likely performance in Final Examinations.

Papers sat during Final Examinations are assessed on the numerical or Alpha-Beta-Gamma scale and the complete array of grades is viewed to determine the class of degree awarded (First, Second, Third, etc). Several subtle varieties are possible. Tutors and students alike at Oxford are entirely accustomed to this finely graded scale.

Registered Visiting Students, not being candidates for Oxford degrees, do not sit Oxford Finals, given at the end of three or four years. Nevertheless, they are academically supervised by their Oxford college and have University privileges. They are subject to termly reports and their tutors, in making grade assessments, resort to the scale described, with which they are familiar. No direct conversion into US/Canadian values is made by the tutors themselves for two principal reasons. A translation of grades into a broader banding on the actual record might deny the student the satisfaction of seeing evidence of hard-won progress, from say Beta+ to Beta++, from one term to the next. Moreover, it could be wrongly assumed that the student is not embraced by the normal teaching structure of Oxford. The work done for an Oxford tutorial is regarded by tutors who have taught in the US as equivalent to the work done for one standard US semester credit.

RECOMMENDED CONVERSION SCALE

Oxford Numeric Grade	Traditional Oxford Greek Grade	Formal Oxford Degree Classification	American Grade	Point Values
80≤	α , α -	I (First)	A/A+	4.0
79-70	α --, α ---, $\alpha\beta$	I (First)	A	4.0
69-60	$\beta\alpha$, β +++, β ++, β +	II:i (High Second)	A-	3.7
59-55	β , β -	II:ii (Low Second)	B+	3.3
54-50	β --, β ---, $\beta\gamma$	II:ii (Low Second)	B	3.0
49-45	$\gamma\beta$, γ +++	III (Third)	B-	2.7
44-40	γ ++, γ +	III (Third)	C+	2.3
39-35	γ , γ -	Pass	C	2.0
34-30	γ --, γ ---	Pass	D	1.0
29≥	δ	Fail	F	0

I (First): Outstanding, demonstrates ability to interrelate concepts with a high level of independent thought and critical analysis of the materials.

II:i (High Second): Very competent: distinctive work making original use of appropriate arguments and alternative views with a good level of independent thought and critical analysis of the materials.

II:ii (Low Second): Competent: work contains some independent thinking and may begin to formulate an independent position, but limited critical analysis of the materials.

III (Third): Some attempt to construct an original argument, but expresses views in broad terms containing limited or no critical analysis of the materials.

Pass: Rarely goes beyond paraphrasing the work of others. Minimal personal views expressed, or those which are expressed go no further than bare assertion with no critical analysis of the materials.

Fail: Minimal ability to synthesise information, with severe factual errors or omissions in the information presented. No or inaccurate critical analysis of the materials.