

Yuming Chen  
(2459870)

M.Sc. (Taught)  
Artificial Intelligence  
and Machine Learning  
(Edgbaston) Full-tim  
Year 1



Level 4 modules

Banner Code	Module	Credits	June 2024	Result	2024	Result
30241	LM Computer Vision and Imaging (Extended)	20	66 (86, 46:50%)	P		
32212	LM Neural Computation (Extended)	20	71 (69, 79:20%)	P		
32250	LM Mathematical Foundations of Artificial Intelligence (AI) and Machine Learning	20	77 (72, 100:20%)	P		
32257	LM Current Topics in Artificial Intelligence and Machine Learning	20	77 (77:100%)	P		
32260	LM Artificial Intelligence and Machine Learning Project	60			78 (78:100%)	P
37812	LM Natural Language Processing (Extended)	20	68 (68, 67:20%)	P		
38969	LM Machine Learning	20	69 (69, 68:20%)	P		

Level 2- and Level-3 modules

Banner Code		Module	Credits
Credits Attempted	Credits Achieved	Average Taught Modules	Year average
180	180	71.3333	73.5556
Recommendation Code		Recommendation	
B12		MSc with Distinction	





A transcript is an official statement of a student's academic performance and progress on their programme of study. The front page of an official transcript is printed in black ink on a pale blue background with the University's colour crest in the top left-hand corner and does not include a signature.

**Academic Session:** Defines the Academic Year and its duration (e.g., late September to mid-June for most Undergraduate programmes).

**Programme:** Recognised learning pathway necessary to obtain a particular qualification.

**Modules:** A module is a coherent and identifiable unit of learning and teaching with defined learning outcomes and which generates a single mark.

**Programme and Module Levels:** University of Birmingham programme and module levels are defined by the Framework for Higher Education Qualifications (FHEQ), and Qualifications and Credit Framework (QCF).

<b>D (Doctoral) / 8</b>	Doctoral degrees (e.g. PhD, EdD, ClinPsyD)	
<b>M (Masters) / 7</b>	Masters Degrees (e.g. MSc, MA, MRes, MA/MSc by Research), Undergraduate Integrated Masters Degrees, Postgraduate Diplomas, Postgraduate Certificates	
<b>H (Honours) / 6</b>	Bachelor's Degrees with Honours, Ordinary Bachelor's Degrees, Graduate Diplomas, Graduate Certificates	Level H Modules equivalent to those taken in UG Year 3
<b>I (Intermediate) / 5</b>	Diplomas of Higher Education, Foundation Degrees	Level I Modules equivalent to those taken in UG Year 2
<b>C (Certificate) / 4</b>	Certificates of Higher Education, University Certificates	Level C Modules equivalent to those taken in UG Year 1
<b>F (Foundation) / 3</b>	Foundation Certificates	

The level of a module is an indicator of the complexity, depth of study and learner autonomy involved. As it is possible to take some modules of a higher level than the corresponding programme year, it does not necessarily coincide with the stage or year that a module is being studied.

**Credits Studied:** The credit value indicates the notional number of study hours required (including contact time & time spent on assessed work) to achieve the learning outcomes. A single University of Birmingham credit is roughly equivalent to 10 notional hours of learning.

**Credits Awarded:** The award of credit in combination with a result of 'Pass' signifies that the learning outcomes of the module have been achieved. Where all of the assessments for a module have been completed, the credits achieved for that module will be the same as the credits studied. Where some but not all of the assessments for a module have been completed, the credits achieved for that module have been pro-rated so the credits awarded will be fewer than the credits studied. Under the European Credit Transfer and Accumulation Scheme, 10 University of Birmingham credits are equal to 5 ECTS credits.

**Marks:** A module is passed if its specified learning outcomes have been achieved. Marks are based on percentages, except for the following:

Mark Indicator	Definition
P	Pass
F	Fail
APL	AP(e)L (credit transfer)
-	Module studied but assessments not completed.

**Suffixes of Marks:** Some marks are suffixed by a single character. These represent the following meanings:

Suffix	Definition
R	Re-sit mark
S	Re-sit required
T	Next attempt to be regarded as a first attempt
H	Failed internal hurdle
X	Condoned fail (where referenced for historic marks)
C	Pass by compensation (where referenced for historic marks)

Number of Attempts in the Academic Session	
0	Module is yet to be assessed
1	First attempt
2	Re-assessment attempt/repeat

Module Result	Definition
Pass	Learning outcomes achieved
Failed	Learning outcomes not achieved
Audited	Module studied but assessments not completed
No Result	To be attempted

**Credits Achieved:** Total number of credits achieved within the corresponding Academic Session.

**Total Credits Achieved:** Total number of credits achieved within the programme of study (Taught programmes only).

**Qualification Obtained:** Title of qualification awarded. For Undergraduate programmes, this includes the classification of degree.

**Date of Leaving:** Last date of attendance on the named programme. For Postgraduate Research students, this is the date on which the examiners make their final recommendation on the outcome of the examination of a student's thesis. Where the qualification obtained is blank or not applicable, the date of leaving is the date of withdrawal from the University.

**Date of Conferment:** Date on which the degree qualification is officially awarded at a degree ceremony (this applies to Bachelor's, Masters, and Doctoral programmes). If the qualification is not yet conferred or it is a certificate/diploma then the words 'Not Applicable' will be printed.

**Undergraduate:** The pass mark for level C, I and H modules is 40% except, where required by external bodies as in the case of some dental and medical qualifications such as BDS and MBChB, modules may be permitted to have a pass mark other than 40%.

**Postgraduate:** From 2003-04, the pass mark for Level M modules taken as part of a Postgraduate Taught or Postgraduate Research programme is 50% for all programmes.

**Doctorate:** From 2016-17, the pass mark for Level D modules taken as part of a Doctoral Research programme will be 50%. Some Level D modules may be granted an exemption to this requirement and assessed on a pass/fail basis.

**Award criteria:** For information about credit requirements and the criteria to determine awards for Undergraduate, Postgraduate and Doctoral qualifications, please refer to Regulations; Section 7: 'Assessment, Progression and Award' for your relevant cohort.  
(<https://www.birmingham.ac.uk/university/leadership/governance/legislation/index.aspx>)

**Postgraduate Research:** Some Postgraduate Research degree programmes do not require the completion of taught modules and are assessed on the submission of a thesis at the end of the relevant period of study. In such cases there will be no module registrations displayed. For Postgraduate Research programmes that require taught modules to be completed alongside the research, the total credits achieved is the sum of the taught elements of the programme only. Notional credits for the research thesis will not be shown for any Postgraduate Research programmes.

**Accreditation of Prior Learning and Prior Experiential Learning (AP(E)L):** Applicants may be admitted onto Taught programmes of study and Research Degree programmes with taught elements on the basis of credit achieved on another programme or at another institution or through work experience which has been accredited. Credits achieved in this way may contribute towards the achievement of the credit requirements of the University of Birmingham programme concerned.

**Direct Entry:** Students who show that they have completed sufficient transferable credit may be admitted directly into the second/third year of a programme of study. In this instance, it is possible for an undergraduate student to graduate with only 120/240 credits.

**Year Abroad/Year in Industry:** Some programmes allow a year abroad at the end of Stage 2. Students may also be able to pursue a year in industry during their programme of study.





**Full Name:** Yuming Chen

**Date of Birth:** 13 December 1998

**Student ID:** 2459870

This is to certify that the individual named above is/was a registered student of this University during the academic sessions shown. The details of the programme(s) of study followed, together with the results of the assessments taken and the credits obtained, are listed below (see overleaf for glossary and explanation of terms).

**Awarding Institution(s):** University of Birmingham

**Delivering Institution(s):** University of Birmingham

**Date of Entry:** 25 September 2023

**Language(s) of Instruction:** English

**2023/24 Session**      **M.Sc. (Taught) Artificial Intelligence and Machine Learning**

**Postgraduate Taught**

Module Code	Module Description	Module Level	Credits Studied	Credits Awarded	Mark	Result	Attempts
06 30241	LM Computer Vision and Imaging (Extended)	Masters Level	20	20	66	PASS	1
06 32212	LM Neural Computation (Extended)	Masters Level	20	20	71	PASS	1
06 32250	LM Mathematical Foundations of Artificial Intelligence (AI) and Machine Learning (ML)	Masters Level	20	20	77	PASS	1
06 32257	LM Current Topics in Artificial Intelligence and Machine Learning	Masters Level	20	20	77	PASS	1
06 32260	LM Artificial Intelligence and Machine Learning Project	Masters Level	60	0		NO RESULT	
06 37812	LM Natural Language Processing (Extended)	Masters Level	20	20	68	PASS	1
06 38969	LM Machine Learning	Masters Level	20	20	69	PASS	1
<b>Credits Achieved</b>		<b>120</b>					

**Total Credits Achieved:** 120

**Qualification Obtained:** Not Applicable

**Date of Leaving:** Not Applicable

**Date of Conferment:** Not Applicable

**Date Printed:** 25 June 2024

# 中国社会科学院大学学生历年学习成绩表

[illegible]

毕业证书编号: 145961202205000085

学位证书编号: 1459642022000085

制表人：苏辉

制表日期: 20220708



# Academic Transcript for Students of University of Chinese Academy of Social Sciences

Name	Chen Yuming	Student ID No.		20171031314		Department	College of Economics		Major	Economics	
Admin Class	201810312	Gender	Male	Enrollment Date		Sept. 2017	Graduation Date	Jul.2022	Length of Program	4 Years	
Course Title		Credit	Score	Type	Exam Time	Course Title		Credit	Score	Type	Exam Time
Basics of Computer		2	93	Compulsory	2017/12	College English (II)		4	85	Compulsory	2017/12
Series of Physical Education (I)		1	89	Compulsory	2017/12	Ideology, Moral & Legal Basis		3	86	Compulsory	2017/12
Outline of Modern Chinese History		3	86	Compulsory	2017/12	Intro. to Basic Principles of Marxism		3	83	Compulsory	2017/12
Mao Zedong Thought and Theoretical System of Socialism with Chinese Characteristics		3	77	Compulsory	2017/12	History of the Communist Party of China		2	91	Elective	2017/12
College Chinese		2	86	Compulsory	2017/12	Principles of Microeconomics		3	78	Compulsory	2017/12
Calculus (I)		4	90	Compulsory	2017/12	Music Appreciation		2	80	Compulsory	2018/06
Military Theory		1	Good	Compulsory	2019/01	C Programming		2	100	Compulsory	2019/07
Basics of Data Processing		2	97	Elective	2019/07	Basics of Programming		2	94	Compulsory	2019/07
Java Programming & Application		2	91	Elective	2019/07	College English (III)		4	87	Compulsory	2019/07
Series of Physical Education (II)		1	89	Compulsory	2019/07	Economic History of the People's Republic of China		3	83	Compulsory	2019/07
Principles of Accounting		3	88	Compulsory	2019/07	Calculus (II)		4	99	Compulsory	2019/07
Linear Algebra		4	99	Compulsory	2019/07	Principles of Macroeconomics		3	85	Compulsory	2019/07
Mathematical Modelling		2	99	Elective	2019/07	Principles of Cyber Security		2	97	Elective	2020/01
College English (VI)		4	89	Compulsory	2020/01	Series of Physical Education (III)		1	91	Compulsory	2020/01
Principles of Marxist Political Economics		3	83	Compulsory	2020/01	Probability Theory & Mathematical Statistics		4	98	Compulsory	2020/01
The Economics of Money, Banking and Financial Markets		3	78	Compulsory	2020/01	Public Finance		3	91	Compulsory	2020/01
Intermediate Microeconomics		3	95	Compulsory	2020/01	History of Economic Thought		3	78	Compulsory	2020/01
Selected Topics in Advanced Mathematics		2	77	Elective	2020/01	Multivariate Statistics		2	97	Elective	2020/01
Data Processing (with Experiment)		2	78	Elective	2020/01	Machine Learning		2	96	Elective	2020/06
Series of Physical Education (VI)		1	94	Compulsory	2020/06	Applied Statistics		3	81	Compulsory	2020/06
Intermediate Macroeconomics		3	82	Compulsory	2020/06	Financial Management		3	76	Compulsory	2020/06
Mathematical Experiment		2	97	Elective	2020/06	Intro. of Real Analysis		2	89	Elective	2020/06
Econometrics		3	90	Compulsory	2020/12	International Economics		3	70	Compulsory	2020/12
Optimal Control in Economics		2	83	Elective	2021/06	Social Practices		2	Good	Compulsory	2020/12
Expansion Course of College English		2	88	Compulsory	2021/06	Institutional Economics		3	82	Compulsory	2021/06
Investment		3	78	Compulsory	2021/06	Applied Stochastic Process		2	89	Elective	2021/06
Application of Statistical Software		2	84	Elective	2021/06	Military Theory		2	74	Elective	2021/12
Situation and Policy		2	87	Compulsory	2021/12	Ideological and Political Theory Course Practice		2	Pass	Compulsory	2021/12
Thesis		6	Good+	Compulsory	2022/06	Internship		3	Good+	Compulsory	2022/06
Research Practice		3	Excellent	Compulsory	2022/06	-----					

Credits Obtained	153	GPA	3.54/4	Degree Awarded	Bachelor of Economics	Signature of School Director	Official Seal:
Remarks							

Graduation Certificate:

Degree Certificate:

Tabulator: Su Hui

Tabulation Date: July 12, 2022







# 中国社会科学院大学

University of Chinese Academy of Social Sciences

## 学分绩点计算方法

一、关于4分制绩点计算方法中百分制成绩和绩点对应关系按下公式计算所得（保留两位小数）

$$\text{课程成绩对应的绩点} = 4 - 3 * (100 - X)^2 / 1600 \quad 60 \leq X \leq 100$$

60分以下课程绩点为0

二、关于等级制成绩和绩点对应关系

等级制成绩的最高绩点为4，等级制成绩和绩点对应关系如下：

等级制成绩	优	良+	良	良-	中+	中	及格	不及格
绩点	4	3.5	3	2.5	2	1.5	1	0

三、关于课程学分绩点和平均学分绩点的计算方法

课程学分绩点和平均学分绩点的计算方法如下：

课程学分绩点 = 课程成绩对应的绩点 × 该课程的学分数

平均学分绩点 = 课程学分绩点之和 ÷ 课程学分之和

中国社会科学院大学教务处

## Grading System

1. For the calculation method of Grade Point in the 4-point system, the corresponding relationship between the **Percentile Score** and **Grade Point** is calculated according to the following formula (keep two decimals).

$$\text{Grade Point} = 4 - 3 * (100 - X)^2 / 1600 \quad 60 \leq X \leq 100$$

Grade Point for courses below Percentile Score of 60 is 0.

2. The corresponding relationship between **Grade Point of Academic Grade**

The maximum Grade Point of Academic Grade is 4.

The corresponding relationship between Grade Point and Academic Grade is as follows:

Score on Academic Grade	Excellent	Good+	Good	Good-	Fair+	Fair	Pass	Failed
Grade Point	4	3.5	3	2.5	2	1.5	1	0

3. The calculation formula of **Course Credits Grade Point** and **GPA**

Course Credits Grade Point and GPA are derived as follows:

Course Credits Grade Point = Grade Point of the course × Course Credits of the same course

GPA =  $\sum$  Course Credits Grade Point /  $\sum$  Course Credits

Academic Management Division  
University of Chinese Academy of Social Sciences



中国社会科学院大学  
University of Chinese Academy of Social Sciences

## 证明

陈宇鸣（学号：20171031314），男，出生于1998年12月13日，系我校经济学院经济学专业全日制学生。自2017年9月至今，该生所修课程的加权平均成绩为87.2。

中国社会科学院大学教务处



## CERTIFICATE

This is to certify that Chen Yuming (student ID: 20171031314), male, born on 13<sup>th</sup> Dec. 1998, is a full-time student, majoring in Economics, Department of Economics at this University, with a weighted average score of 87.2 from Sept. 2017 to present.

Academic Management Division

University of Chinese Academy of Social Sciences

Date of Certification: 28 March 2022

