



國立臺灣師範大學
NATIONAL TAIWAN NORMAL UNIVERSITY

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Office of Academic Affairs Homepage: <https://www.aa.ntnu.edu.tw/?locale=en>

NATIONAL TAIWAN NORMAL UNIVERSITY

TRANSCRIPT OF RECORD

Date of Issue: 2025/03/11

Name: TANG, Ke-Yi (湯可伊)

Date of Birth: 10/12/2001

Student ID No: 40923129L

Date of Entrance: Sept. 2020

College of Liberal Arts

Department of Geography

Double Major: College of Science, Department of Computer Science and Information Engineering

Course No.	Course Name	Credits	Grade	Course No.	Course Name	Credits	Grade
Fall Semester 2020				E BIU0046	Ecology	3.0	W
00UA7A5	Chinese Reading and Thinking	2.0	A+	CSC0006	Web Computing and XML	3.0	W
00UB7A3	English (I)	2.0	A-	GEU0184	Surveying	3.0	A
GEU0011	Geography of Taiwan	3.0	A+	Overall Credits / Grade Point Average		15.0	3.53
GEU0167	Quantitative Geography	3.0	A	Spring Semester 2022			
GEU0233	Introduction to Geography (I)	2.0	C+	00UB9A2	English (III): Literature and Culture	2.0	A-
GEU0234	Introduction to Geography (II)	2.0	B	GEU0006	Economic Geography	3.0	A-
GEU0007	Settlement Geography	2.0	A	AAC7061	Introduction to Human Diseases: the unsolved problems	1.0	W
GEU0046	Geology	3.0	B	AAC7805	Human-computer Interaction	3.0	A-
GEU0047	Meteorology	3.0	A	AAU0149	General Psychology	3.0	W
GEU0237	Landscape Graphic Drawing	3.0	A	CSU0011	Discrete Mathematics	3.0	W
05UG016	Computational Thinking and Programming	2.0	A+	CSU0012	Introduction to Logic	3.0	A-
0SUG531	Introduction to University Studies	2.0	A+	GEU0073	Remote Sensing	3.0	A
<u>Graduation credits exclude credits below</u>				GEU0128	Application Computer Programming to Geography	3.0	A-
00UP001	Physical Education	1.0	A	01UG033	Music and Drama	2.0	A
Overall Credits / Grade Point Average		29.0	3.78	Overall Credits / Grade Point Average		19.0	3.78
Spring Semester 2021				Fall Semester 2022			
0000A04	Basic Service-Learning	0.0	P	CSU0001	Computer Programming (I)	3.0	C-
00UA8A5	Chinese Writing and Expression	2.0	A	CSU0015	Theory of Probability	3.0	C-
00UB8A3	English (II)	2.0	A	CSU0016	Linear Algebra	3.0	W
GEU0001	Geomorphology	3.0	B+	GEU0118	Geographic Thoughts	3.0	A
GEU0014	Geography of the World	3.0	A-	CSU0014	Assembly Languages	3.0	E *
GEU0136	Climatology	3.0	B+	GEU0005	Biogeography	3.0	A+
E AAU1329	English Grammar Practicum (I)	0.0	A+	GEU0053	Marketing Geography	2.0	A
0AUG492	App Inventor	1.0	W	MTC9006	Object-Oriented Programming	3.0	W
0SUG411	Social Development of Taiwan Aborigines	2.0	A-	SOU0071	Website Design and Multimedia Application	2.0	W
<u>Graduation credits exclude credits below</u>				02UG001	Introduction to Philosophy	2.0	B
00UP025	Physical Education (Jazz Dance)	1.0	A+	06UG009	Plants and Human Life	2.0	B-
Overall Credits / Grade Point Average		15.0	3.62	<u>Graduation credits exclude credits below</u>			
Fall Semester 2021				00UP129	Physical Education (Beginning Taekwondo)	1.0	A+
CSU0001	Computer Programming (I)	3.0	W	Overall Credits / Grade Point Average		18.0	2.60
GEU0017	Cartography	3.0	B+	Spring Semester 2023			
E GEU0057	Urban Geography	3.0	A-	CSU0002	Computer Programming (II)	3.0	C
GEU0166	Geographic Information System	3.0	B+	CSU0018	Computer Algorithms	3.0	C+
AAC7521	Introduction to Design Thinking	1.0	A	CSC0005	Object-Oriented Analysis and Design	3.0	A+
E AAU1335	Crowded-Based Capitalism: Sharing Economy and Gig Economy	2.0	B	CSU0041	Image Processing	3.0	A-

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Double Major: College of Science, Department of Computer Science and Information Engineering

Course No.	Course Name	Credits	Grade	Course No.	Course Name	Credits	Grade
GEU0060	Behavioural Geography	3.0	A+	Fall Semester 2024			
GEU0079	Geographic Information System Application	3.0	A+	CSU0038	Local Area Networks	3.0	A-
GEU0108	Oceanography	3.0	A	E CSU0049	Analog and Digital Computing Elements	3.0	A-
GEU0218	The Global Positioning System	2.0	B+	Overall Credits / Grade Point Average			
05UG032	Learning Analytics Tools Implementation Applications	3.0	A+			6.0	3.70
0HUG507	Thai Language and Culture	2.0	A+				

Graduation credits exclude credits below

00UP049 Physical Education (Folk and Social Dance) 1.0 A

Overall Credits / Grade Point Average 28.0 3.67

Fall Semester 2023

CSU0013	Data Structures	3.0	C-
CSU0016	Linear Algebra	3.0	A-
E MAU0180	Calculus B (I)	3.0	B+
E CSC9011	Predictive Learning from Data	3.0	A+
CSU0027	System Programming	3.0	B+
CSU0028	Software Engineering	3.0	A+
GEU0004	Soil Geography	2.0	A-
GEU0039	Climate Change	3.0	A
0AUG402	Psychology	2.0	A

Graduation credits exclude credits below

00UP340 Physical Education (Indoor football) 1.0 A+

Overall Credits / Grade Point Average 25.0 3.57

Spring Semester 2024

CSU0029	Computer Architectures	3.0	B-
E MAU0181	Calculus B (II)	3.0	C
OEU0002	Introduction to Computer Science	3.0	A+
E AAU0368	Introduction to Computer Networks	3.0	A-
CSC0072	Information Security	3.0	B
CSU0011	Discrete Mathematics	3.0	C-
CSU0031	Automata Theory and Formal Languages	3.0	C
05UG001	Logical Thinking and Application	2.0	A-

Overall Credits / Grade Point Average 23.0 2.85



國立臺灣師範大學成績表說明

National Taiwan Normal University Transcript Guide

1. 本校103學年度前成績評量採百分制，學生成績表百分成績轉換為等第成績及等第積分之轉換標準如下：
The numerical grading system (Discontinued July, 2015)

分數 Score	80~100	70~79	60~69	50~59	0~49
等第成績 Grade	A	B	C	D	E
等第積分 Grade Points	4	3	2	1	0

2. 本校104學年度（含）以後成績評量採等第制，學生成績表等第成績對照百分區間及其轉換為等第積分標準如下：
The letter grade system (Effective August, 2015)

等第成績 Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	E	X
分數 Score	90~100	85~89	80~84	77~79	73~76	70~72	67~69	63~66	60~62	50~59	1~49	0
等第積分 Grade Points	4.3	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.0	0.0	0.0

3. 成績註記說明：P: 通過 F: 不通過 I: 未完成 Q 或 W: 停修 抵: 抵免 免: 免修 *: 不及格 #: 重複修習
Grades

P: Student passed a course taken under the pass/fail grading option

F: Student failed a course taken under the pass/fail grading option

I: Incomplete

Q/W: Quit or Withdrawn

T: Transfer credit

EX: Exemption

*: Minimum goals not achieved (Failure)

#: Repeated course

4. 科目名稱註記說明：@: 數位課程 E: 全英語課程

Note for Course: @: Online course E: EMI course

5. 學分另計：不計入各學期修習學分、實得學分、平均成績、畢業成績及畢業總學分數。

The earned credits for the course(s) listed under “Graduation credits exclude credits below” are not counted toward the total credits required for graduation.

6. 科目代碼編碼原則請見本校教務處網頁/課務組/課程資訊/「國立臺灣師範大學科目代碼編碼原則」

To see the guidelines for course coding, please refer to the website of Office of Academic Affairs (Curriculum Division/ Curriculum Information).

7. 全英語授課等級認證基準

Credit Certification Standards for English Mediated Instruction (EMI) Courses

認證等級 EMI Level	基準 Standard
E1	修畢 EMI 課程達16學分（學士）。 At least 16 undergraduate credits are earned from EMI courses.
E2	修畢 EMI 課程達32學分（學士）。 At least 32 undergraduate credits are earned from EMI courses.
E3	修畢 EMI 課程達64學分（學士）。 At least 64 undergraduate credits are earned from EMI courses.
E4	修畢 EMI 課程達98學分（學士）。 At least 98 undergraduate credits are earned from EMI courses.
E5	修畢 EMI 課程達128學分（學士）。 At least 128 undergraduate credits are earned from EMI courses.