

# MicroBachelors® Certificate

This is to certify that

## Shuo Yang

has successfully completed all courses and received passing grades to earn a MicroBachelors program certificate in

### MicroBachelors® Program in Introduction to Neuroscience

a program offered by HarvardX, in collaboration with edX.

# HarvardX



Bharat N. Anand

Vice Provost for Advances in Learning

Harvard University



MICROBACHELORS PROGRAM CERTIFICATE  
Issued January 2025

VALID CERTIFICATE ID  
dc90042b756540d9954c9857adfb4fcb

# MicroBachelors® Certificate

This is to certify that

## Shuo Yang

has successfully completed all courses and received passing grades to earn a MicroBachelors program certificate in

### University Chemistry

a program offered by HarvardX, in collaboration with edX.

# HarvardX



James Anderson

Philip S. Weld Professor of Chemistry

Harvard University



MICROBACHELORS PROGRAM CERTIFICATE  
Issued July 2023

VALID CERTIFICATE ID  
ec5b843cb8a54d169521cc82f598746f

## Official Undergraduate Transcript

Name: Shuo Yang  
 Student ID: 24587571

Print Date: 01/04/2025  
 SSN: XXX-XX-4875  
 Birthdate: 10/08

Send To: SHUO YANG  
 SHUO.YANG1@BARUCHMAIL.CUNY.EDU

**Transfer Credits**  
**Transfer Credit from University of the People**  
 Applied Toward Undergraduate Program

**2024 Fall Term**

<u>Course</u>	<u>Description</u>	<u>Attempt</u>	<u>Earn</u>
PSY 1001	General Psychology	3.00	3.00
BIO 2010	Principles of Biology I	4.00	4.00
BIO 3001	Principles of Biology II	4.00	4.00

Course Trans GPA: 0.000 Transfer Totals: 11.00

<b>2025 SP</b>					
Computer Science Major					
Regular Academic Session (01/25/2025 - 05/22/2025)					
<u>Course</u>	<u>Description</u>	<u>Attempt</u>	<u>Earn</u>	<u>Grd</u>	
CIS 3550	Cybersecurity	3.00	0.00		
ENG 2150	Writing II	3.00	0.00		
Req Designation:	Required Core - English Composition				
MTH 3010	Calculus II	4.00	0.00		
Req Designation:	Required Core - Mathematical&QuantitativeReasoning				
PSY 3055H	Honors - Psychopathology	3.00	0.00		
		<u>Term GPA:</u>	0.000	<u>Term Total:</u>	<u>Attempt</u> <u>Earn</u>
				13.00	0.00

-----

<b>Cumulative Totals</b>			
Cum GPA:	4.000	Cum Total:	26.00 13.00
Transfer Cum GPA:	0.000	Transfer Total:	35.00 35.00
Comb Cum GPA:	4.000	Comb Total:	61.00 48.00

End of Official Undergraduate Transcript

**Transfer Credit from University Of London**  
 Applied Toward Undergraduate Program

**2024 Fall Term**

<u>Course</u>	<u>Description</u>	<u>Attempt</u>	<u>Earn</u>
CIS 3100	Object-Oriented Programming I	3.00	3.00
MTH 3300	Algorithms/Comp Prog	3.00	3.00
CIS 4100	Data Structures and Algorithms	3.00	3.00
CIS 7000	Comp Info Syst Elect	3.00	3.00
ELEC 1111	Must Submit Syllabus	0.00	0.00

Course Trans GPA: 0.000 Transfer Totals: 12.00

**Test Credits**  
 Test Credits Applied Toward Undergraduate  
**2024 Fall Term**

<u>Course</u>	<u>Description</u>	<u>Earned</u>	<u>Grade</u>
HED 1917	Nutrition and Health	3.00	CR
LAS 7500	Liberal Arts Credits	3.00	CR
SOC 7000	Sociology Elective	3.00	CR
STA 2000	Business Statistics I	3.00	CR

Test Credit GPA: 0.000 Test Credit Totals: 12.00

-----  
**Beginning of Undergraduate Record** -----  
**2024 FA**

Computer Science Major

Regular Academic Session (08/28/2024 - 12/21/2024)

<u>Course</u>	<u>Description</u>	<u>Attempt</u>	<u>Earn</u>	<u>Grd</u>
COM 1010	Speech Communication	3.00	3.00	A
ENG 2100T	Writing I	3.00	3.00	A
Req Designation:	Required Core - English Composition			
HIS 1005	Modern American History	3.00	3.00	A
Req Designation:	Flexible Core - US Experience in its Diversity			
MTH 2610	Calculus I	4.00	4.00	A
Req Designation:	Required Core - Mathematical&QuantitativeReasoning			

Trans Term GPA: 0.000 Transfer Total: 35.00 35.00  
 Term GPA: 4.000 Term Total: 48.00 48.00

Ethan Webster  
 Registrar, Baruch College

## BARUCH COLLEGE

### **The University**

Baruch College is one of eleven senior colleges of the City University of New York (CUNY), the largest urban public university in the nation. The college's history began in 1847 when The Free Academy, the nation's first tuition-free public college was established. In 1919, the School of Business and Civic Administration was established as part of the College of the City of New York and in 1953 was renamed the Baruch School. In 1968, Baruch College became an independent senior college.

Baruch College offers undergraduate, graduate, and Ph.D programs of study leading to BA, BBA, BS, DBA, MA, MBA, MPA, MS, MSEd, and MSILR degrees through the Zicklin School of Business, the Mildred and George Weissman School of Arts and Sciences, and the Austin W. Marx School of Public and International Affairs. Prior to the fall 2000 semester, the College also offered the BS in ED degree.

### **ACCREDITATION**

Baruch College is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools. The Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Commission on Recognition of Postsecondary Accreditation. The baccalaureate and the master's programs of Baruch College's Zicklin School of Business are accredited by AACSB International - The Association to Advance Collegiate Schools of Business. In addition to the business programs accreditation, both the undergraduate and graduate accountancy curricula have been awarded the accounting accreditation from that accrediting body. The master's programs in public administration of the Austin W. Marx School of Public and International Affairs are accredited by the National Association of Schools of Public Affairs and Administration (NASPAA).

### **DEAN'S LIST**

To be eligible, a full-time (minimum 12 credits) matriculated student must earn a term grade point average of at least a 3.50. A part-time matriculated student must earn a term grade point average of at least a 3.50 on 12 credits in two consecutive terms (not including overlapping terms). P grades and credits are not included in the calculation (Effective spring 2017).

### **GRADUATION HONORS** (Effective Fall 2004- present)

- Summa Cum Laude 3.85 – 4.00
- Magna Cum Laude 3.75 – 3.84
- Cum Laude 3.50 – 3.74

Students must complete at least 56 credits at Baruch College.

### **FORGIVENESS POLICY**

Effective fall 1990, undergraduate students may replace a maximum of 16 credits of failing grades if the same courses are repeated with a minimum grade of C. Will not retroactively affect pre-existing academic status.

Effective fall 1990, graduate students may replace one failing grade; if the repeated course is a minimum of a B-.

### **GRADING SYMBOLS**

Grades which have been replaced by the repetition of the course under the Forgiveness Policy are shown as #F, #FI, #FA, #FP, #WU, #WN and #WF effective through Fall 2014. Grades proceeded by the symbol \* (e.g.\*A) are not computed in the student's grade point average and are not calculated in the credits earned toward the degree.

This Academic Transcript from Baruch College located in New York, NY is being provided to you by Parchment, Inc. Under provisions of, and subject to, the Family Educational Rights and Privacy Act of 1974, Parchment, Inc. is acting on behalf of Baruch College in facilitating the delivery of academic transcripts from Baruch College to other colleges, universities and third parties.

This secure transcript has been delivered electronically by Parchment, Inc. in a Portable Document Format (PDF) file. Please be aware that this layout may be slightly different in look than Baruch College's printed/mailed copy, however it will contain the identical academic information. Depending on the school and your capabilities, we also can deliver this file as an XML document or an EDI document. Any questions regarding the validity of the information you are receiving should be directed to: Office of the Registrar, Baruch College, One Bernard Baruch Way, New York, NY 10010-5585 Tel: (646) 312-1150.

GRADING SYSTEM		Prior to 1974	1974 to 1983	1982 to present	GRADE POINT EQUIVALENT	EXPLANATION
GRADE	GRADE	GRADE	GRADE			
A	A	A	A	4.0	Excellent	
--	--	A-	3.7			
--	--	B+	3.3			
B	B	B	3.0	Good		
--	--	B-	2.7			
--	--	C+	2.3			
C	C	C	2.0	Average		
--	--	C-	1.7			
--	--	D+	1.3			
D	D	D	1.0	Minimum Passing Grade		
F	F	F	0.0	Failure		
J <sup>1</sup>	W <sup>1</sup>	W <sup>1</sup>	--	Withdrew without penalty		
--	--	WA <sup>1</sup>	--	Administrative withdrawal		
G <sup>2</sup>	WF <sup>2</sup>	WF <sup>2</sup>	0.0	Withdrew failing		
H <sup>2</sup>	WU <sup>2</sup>	WU <sup>2</sup>	--	Dropped by instructor due to excessive absences		
--	--	WN	0.0	Calculated in GPA as 'F' grade effective Fall 2008.		
--	--	*WN	--	Discontinued Fall 2009		
--	--	#WN	--	Not calculated in GPA effective Fall 2009.		
P <sup>3</sup>	P <sup>3</sup>	P <sup>3</sup>	--	Not calculated in GPA prior to Fall 2009.		
R <sup>2</sup>	R <sup>2</sup>	R <sup>2</sup>	--	Pass		
--	NC	NC	--	Repeat-remedial course		
CR	CR	CR	--	No credit granted		
--	Y	Y	--	Credit		
LG	Z	Z	--	Course in progress		
(X%)	(ABS)	--	--	No grade submitted		
(I%)	INC	INC	--	Discontinued 09/2008		
I/X	ABS/INC	ABS/INC	--	Terms work incomplete		
				Incomplete/Absence from final		
--	--	FIN	0.0	Failing grade from Unresolved/INC		
--	--	FAB	0.0	Failing grade absent from final. Discontinued 09/2008		
E <sup>2</sup>	PEN <sup>2</sup>	PEN <sup>2</sup>	--	Grade pending/Academic Integrity		
--	--	FPN	0.0	Failing grade from unresolved PEN.		
L	AUD	AUD	--	Discontinued 09/2008 Listener/Auditor		

### **NOTES:**

<sup>1</sup>Non-prejudicial grade of withdrawal, both graduate and undergraduate. <sup>2</sup>The grades of WF, WU and R are undergraduate grades only. <sup>3</sup>The grade of P can be used in the graduate courses: Research Methodology, Thesis, and Thesis Alternative. Prior to Fall 2021, the grade of WU counts as "F".

In accordance with the USC 438 (6) (4) (8) (The Family Educational Rights and Privacy Act of 1974) you are hereby notified that this information is provided upon the condition that you, your agent or employees will not permit any other party access to this record without consent of the student. Alteration of this transcript may be a criminal offense.



TRANSCRIPTS OFFICE  
STEWART HOUSE  
32 RUSSELL SQUARE  
LONDON WC1B 5DN

e-mail [transcripts@london.ac.uk](mailto:transcripts@london.ac.uk)  
<https://london.ac.uk/transcripts>

Ref: UoLW/BSc24/JM/RKN

Date: 17 September 2024

#### OFFICIAL TRANSCRIPT OF ACADEMIC RECORDS

Student Name: Shuo YANG

Date of Birth: 8 October 1999

Date of Registration: 1 April 2023

Student Number: 230139158

Language of Instruction/Assessment: English

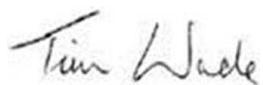
Programme Title: Bachelor of Science in Computer Science

AC Year	Paper Code	Paper Name	Mark	Result	Value	Gained
2022/23	CM1030	How Computers Work		APL	15.00	15.00
2022/23	CM3005	Data Science		APL	15.00	15.00
			2022/23 - Total		30.00	30.00
2022/23 Sep	CM1005	Introduction to Programming I	89	Pass	15.00	15.00
2022/23 Sep	CM1015	Computational Mathematics	84	Pass	15.00	15.00
			2022/23 Sep - Total		30.00	30.00
2023/24 Mar	CM1010	Introduction to Programming II	74	Pass	15.00	15.00
2023/24 Mar	CM1025	Fundamentals of Computer Science	88	Pass	15.00	15.00
2023/24 Mar	CM1035	Algorithms and Data Structures I	85	Pass	15.00	15.00
			2023/24 Mar - Total		45.00	45.00
2023/24 Sep	CM1020	Discrete Mathematics		N/A	15.00	
2023/24 Sep	CM1040	Web Development		N/A	15.00	
2023/24 Sep	CM2005	Object Oriented Programming		N/A	15.00	
2023/24 Sep	CM2010	Software Design and Development		N/A	15.00	
2023/24 Sep	CM2030	Graphics Programming		N/A	15.00	
			2023/24 Sep - Total		75.00	
			SP0492 - Total		180.0	105.0

It is necessary for this student to satisfy the examiners in a total of one core module, fifteen compulsory modules, plus six optional modules and a compulsory project in order to be awarded the **Bachelor of Science** degree.

For this award, students are registered with the University of London for a programme of study under the academic direction of Goldsmiths College.

This degree is equivalent to 180 E.C. T.S credits, with each unit being equivalent to 15 credits. (Half Unit is equivalent to 7.5 Credits).



**Tim Wade**

**Director of Student Services**

***Accreditation of Prior Learning (APL): Recognition for prior learning is where we accept a previous qualification as meeting the learning outcome for a course/module.***

***This document is not official unless it contains the signature of the Director of Student Services and the stamp of the University of London.***





## THOMAS EDISON STATE UNIVERSITY

111 WEST STATE STREET  
TRENTON, NJ 08608

ACCREDITED BY THE MIDDLE STATES  
ASSOCIATION OF COLLEGES AND SCHOOLS

Date of Issue: 02/04/2025  
SHUO YANG

### Permanent Academic Record

SHUO YANG  
543 72nd St  
Brooklyn, NY 11209-1606  
ID.: 0706814  
SSN:  
DOB: 10/08

#### CURRENT PROGRAM Individual Learning Account

Course	Title	Gr.	S.H.	Course	Title	Gr.	S.H.
--------	-------	-----	------	--------	-------	-----	------

#### ASSESSMENT CREDITS

##### TESU-Assessment Credit

SOS 1100	Information Literacy Today	CR	3.00
CHE 3100	Energy and Thermodynamics	CR	3.00
CHE 3200	Entropy and Equilibrium	CR	2.00
CHE 3300	Electrochemistry	CR	3.00
BIO 2620	Neuroscience	CR	3.00

CUMULATIVE GPA: N/A TOTAL: 14.00

\*\*\*\*\* END OF TRANSCRIPT \*\*\*\*\*





# UNIVERSITY OF THE PEOPLE

Office of the Registrar  
595 E. Colorado Blvd. Suite 623  
Pasadena, CA 91101  
Tel. (626) 264 8880  
[www.uopeople.edu](http://www.uopeople.edu)

Official Academic Transcript  
Page 1 of 2

Student Name: Shuo Yang  
Issue date: September 19, 2023

**Student name:** Shuo Yang  
**Address:** Yutai Yuxin Luningjiayuan, Jining  
China, 272300  
**Student ID:** S375688  
**Birth date:** 10/8/1999  
**Enrollment date:** 4/6/2023

**Degree Awarded:** N/A  
**Academic Program:** Bachelor's degree in Health Science  
**Date Conferred:** N/A  
**Transfer Credits Allowed:** N/A  
**Honors:** N/A

## Courses taken as a non-degree seeking student

		Repeated	Grade	Credit	G-Pts	A-Crds	E-Crds	GP-Crds	GPA
<b>January 2023</b>									
Course	Title								
UNIV 1001	Online Education Strategies		A-	3	11.010				
PSYC 1111	Introduction to Health Psychology (previously known as Introduction to Human Psychology)		A	3	12.000				
Term				23.01	6	6	6		3.84
Cumulative				23.01	6	6	6		3.84

## Transfer Credit Recognized

University	Term	Title	Course	Credit
ACE		Introduction to databases	N/A	3
ACE		Introduction to SQL programming	N/A	3
ACE		Introduction to systems analysis	N/A	3
ACE		Introduction to R programming	N/A	3
ACE		College Algebra	N/A	3
ACE		Introduction to Sociology: Embracing Diversity and Collaboration	SOPH 0051	3

In accordance with U.S.C. 438(6)(8)(The Family Educational Rights and Privacy Act of 1974) you are hereby notified that this information is provided upon the condition that you, your agents, or employees will not permit any other party access to this record without consent of the student. Alteration of this transcript may be a criminal offense.

This is a true transcript for .....  
for the degree and date award on the face of the transcript. It bears the seal/signature of the  
designated officers of University of the People

Shuo Yang

*Shaina Fidd*





# UNIVERSITY OF THE PEOPLE

Office of the Registrar  
595 E. Colorado Blvd. Suite 623  
Pasadena, CA 91101  
Tel. (626) 264 8880  
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Official Academic Transcript

Page 2 of 2

Student Name: Shuo Yang  
Issue date: September 19, 2023

## Bachelor of Science in Health Science

	Repeated	Grade	Credit	G-Pts	A-Crds	E-Crds	GP-Crds	GPA
--	----------	-------	--------	-------	--------	--------	---------	-----

### April 2023

Course	Title							
BIOL 1121	Biology 1 for Health Studies Majors	A	4	16.000				
Term				16.00	4	4	4	4.00
Cumulative				39.01	10	10	10	3.90

### June 2023

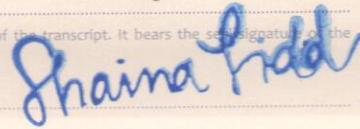
Course	Title							
BIOL 1122	Biology 2 for Health Studies Majors	A	4	16.000				
Term				16.00	4	4	4	4.00
Cumulative				55.01	14	14	14	3.93

No entries below this point

In accordance with U.S.C 438(6)(4)(8)(The Family Educational Rights and Privacy Act of 1974) you are hereby notified that this information is provided upon the condition that you, your agents, or employees will not permit any other party access to this record without consent of the student. Alteration of this transcript may be a criminal offense.

This is a true transcript for .....  
for the degree and date award on the face of the transcript. It bears the signature of the designated officers of University of the People

Shuo Yang





University of the People  
 595 E. Colorado Blvd. Suite 623  
 Pasadena, CA 91101  
 Tel. (626) 264 8880  
[www.uopeople.edu](http://www.uopeople.edu)

#### General Information

University of the People is a private institution approved to operate by the Bureau for Private Postsecondary Education. Any questions a student may have regarding this transcript that have not been satisfactorily answered by the institution may be directed to the Bureau for Private Postsecondary Education at 2535 Capitol Oaks Drive, Suite 400, Sacramento, CA 95833, [www.bppe.ca.gov](http://www.bppe.ca.gov), phone number: (916) 431-6959, toll free: (888) 370-7589, fax number: (916) 263-1897.  
 This official transcript carries the seal of University of the People and the signature of its Registrar. The Family Education Rights Privacy Act of 1974, as amended, does not grant any other party access to this information without the written consent of the student/graduate.

#### Accreditation

University of the People has been continuously accredited by the Distance Education Accrediting Commission (DEAC) since January 2014. Contact information for DEAC: 1101 17th Street NW, Suite 808, Washington, D.C. 20036, phone number: (202) 234-5100, fax number (202) 332-1386, [www.deac.org](http://www.deac.org). The Distance Education Accrediting Commission is listed by the U.S. Department of Education as a recognized accrediting agency. The Distance Education Accrediting Commission is recognized by the Council for Higher Education Accreditation (CHEA).

#### Academic Calendar and Enrollment Terms

The academic year consists of five terms, each ten weeks in length. All courses taken at the University are listed under the term in which they were taken.

#### Unit of Credit

University of the People uses the semester hour credit system. Students who began their studies at UoPeople prior to Term 1 of the 2012-2013 academic year are awarded course credit based on the quarter hour system.

#### Grading System

The University offers a four-point grading system as follows.

UNDERGRADUATE			GRADUATE		
Grade	Grade Scale	Grade Points	Grade	Grade Scale	Grade Points
A+ Excellent	98-100	4.00*	A+ Excellent	98-100	4.00
A Excellent	93-97	4.00	A Excellent	93-97	4.00
A- Excellent	90-92	3.67	A- Excellent	90-92	3.67
B+ Above Average	88-89	3.33	B+ Average	88-89	3.33
B Above Average	83-87	3.00	B Average	83-87	3.00
B- Above Average	80-82	2.67	B- Average	80-82	2.67
C+ Average	78-79	2.33	C+ Low Pass	78-79	2.33
C Average	73-77	2.00	C Low Pass	73-77	2.00
C- Average	70-72	1.67	C- Fail	70-72	0.00
D+ Poor	68-69	1.33	D+ Fail	68-69	0.00
D Poor	63-67	1.00	D Fail	63-67	0.00
D- Poor	60-62	0.67	D- Fail	60-62	0.00
F Fail	Under 60**	0.00	F Fail	Under 60	0.00

\*Grade points assigned to an A+ letter grade were changed from 4.33 to 4.00 in September 2012.

\*\*Under 73 (C) in English Composition 1 (ENGL 0101) and Developmental Algebra (MATH 0101).

#### Grades Not Calculated in GPA

P (Passing) Indicates completion of the course duties with academic work equivalent to a D- or above for an undergraduate student and a C for a graduate student.  
 W (Withdrawal) Withdrawal indicates that the student withdrew from the course or was removed from the course by the University due to inactivity.

#### Grade Point Average (GPA)

All courses for credit where a letter grade is issued are factored into the student's GPA. The GPA is determined by dividing the Grade Points.(G-Pts) by the Grade Point Credits (GP-Crds). The total grade points earned for a course equals the number of grade points earned multiplied by the number of course units.

#### Course Identification System

The prefix at the beginning of the course code represents the area of study, and the first digit of the course number represents the level of the course. Levels are indicated as follows:

0	Courses below the 1000-level are preparatory in nature and may not be credited toward a University of the People degree
1&2	Undergraduate course, lower-division
3&4	Undergraduate course, upper-division
5	Graduate course, graduate division

#### Eligibility to Re-enroll

Academic eligibility to re-enroll is based upon the university enrollment, suspension and hold policies and can be reviewed in the University Catalog.

#### Honors

Undergraduate students graduating with the requisite cumulative grade point of all course work completed are recognized with the following designations.

#### For the Associate's Degree

3.80-4.00	High Honors
3.50-3.79	Honors

#### For the Bachelor's Degree

3.85-4.00	Summa Cum Laude (highest honors)
3.70-3.84	Magna Cum Laude (high honors)
3.50-3.69	Cum Laude (honors)

#### Transcript Validation and Authenticity

This is an official transcript only if printed on a secure beige background paper and the name of the institution appearing in light beige over the face of the entire document.  
 This transcript does not require a raised seal.

shuo yang

jackengtwistio@gmail.com

ID#: 12eec75-e8ef-4ce5-9b56-b33a3361036a

[www.credly.com/users/shuo-yang.ab859d5e](http://www.credly.com/users/shuo-yang.ab859d5e)

## Google Data Analytics Professional Certificate

**Issued by:** Coursera**Issued to:** SHUO YANG**Issued on:** 1 March 2022**Description**

Those who earn the Google Data Analytics Certificate have completed eight courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for introductory-level roles in Data Analytics. They are competent in tools and platforms including spreadsheets, SQL, Tableau, and R. They know how to prepare, process, analyze, and share data for thoughtful action.

**Course Number:** GOOG-0004 (v.1)**Total Credits:** 12**Grade:** Pass**Credit Recommendation**

- 3 semester hours in introduction to databases in the lower-division undergraduate category
- 3 semester hours in introduction to SQL programming in the lower-division undergraduate category
- 3 semester hours in introduction to systems analysis in the lower-division undergraduate category
- 3 semester hours in introduction to R programming in the lower-division undergraduate category



## Google IT Support Professional Certificate

**Issued by:** Coursera**Issued to:** shuo yang**Issued on:** 2 April 2023**Description**

Those who earn the Google IT Support Certificate have completed five-courses, developed by

Google, that include hands-on, practice-based assessments and are designed to prepare them for entry-level roles in IT support. They are competent in foundational skills, including troubleshooting and customer service, networking, operating systems, system administration, and security.



**Course Number:** GOOG-0001 (v.2)

**Total Credits:** 15

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in Introduction to Computers in the lower-division undergraduate category
- 3 semester hours in Systems Administration in the lower-division undergraduate category
- 3 semester hours in Introduction to Cybersecurity in the lower-division undergraduate category
- 3 semester hours in Networking Fundamentals in the lower-division undergraduate category
- 3 semester hours in Operating Systems in the lower-division undergraduate category



**Real-World Cloud Product Management Specialization**

**Issued by:** Coursera

**Authorized by:** Advancing Women in Tech

**Issued to:** shuo yang

**Issued on:** 4 April 2023

**Description**

The course objective is to learn cloud product management using the same curriculum as AWS PMs, gaining insights to impress on their first (or next) cloud computing role. This Specialization prepares learners for the AWS Certified Cloud Practitioner Exam.



**Course Number:** AWIT-0002 (v.1)

**Total Credits:** 6

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in Product Management in the upper-division undergraduate category
- 3 semester hours in Cloud Computing Fundamentals in the upper-division undergraduate

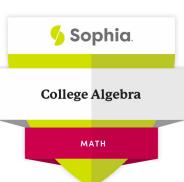
## category

**Spanish II (SPAN1002)****Issued by:** SOPHIA Learning**Issued to:** shuo yang**Issued on:** 10 April 2023**Description**

This course introduces more complex verb tenses and grammatical structures as a continuation of Spanish I. Students will build on their Spanish speaking, reading, and writing skills through both a linguistic and cultural lens, exploring the cultures and customs of several Spanish-speaking countries along with new vocabulary and sentence constructions for discussing home and work routines, travel and recreation, and events that have happened in both the recent and more distant past.

**Course Number:** SOPH-0064 (v.1)**Total Credits:** 3**Grade:** Pass**Credit Recommendation**

- 3 semester hours in Spanish in the lower-division undergraduate category

**College Algebra (CA1001)****Issued by:** SOPHIA Learning**Issued to:** shuo yang**Issued on:** 3 May 2023**Description**

Students in this course build mastery around linear, non-linear, and other mathematical functions that include algebraic, graphic, and numeric properties. Students will demonstrate the application of these concepts through Sophia's scenario-based activities designed around real world situations that help you apply this knowledge in both personal and professional settings.



**Course Number:** SOPH-0001 (v.5)

**Total Credits:** 3

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in college algebra in the lower-division undergraduate category



**Introduction to Sociology: Embracing Diversity and Collaboration  
(SOCI1010 - 2021)**

**Issued by:** SOPHIA Learning

**Issued to:** shuo yang

**Issued on:** 5 May 2023

**Description**

Sociology is a scientific approach to understanding why people behave the way they do, how relationships function, where commonly held values & beliefs come from, & what it means to live in a society. You will explore a wide variety of human experiences & how sociologists interpret them. Through growing your understanding of the diversity of human experience & how the parts of society fit together, you will expand your problem solving, relationship building, & self and social awareness skills.



**Course Number:** SOPH-0051 (v.1)

**Total Credits:** 3

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in General Sociology in the lower-division undergraduate category



**Foundations of English Composition (ENG0050)**

**Issued by:** SOPHIA Learning

**Issued to:** shuo yang

**Issued on:** 19 June 2023

**Description**

Students in this course learn foundational writing skills that will enable them to be successful in a college-level English Composition course. Students will learn how to construct sound sentences, craft effective paragraphs, and write cohesive compositions, developing their writing

skills through all stages of the writing process. Students will learn how to avoid common grammatical errors as well as how to identify these errors in their writing.



**Course Number:** SOPH-0019 (v.3)

**Total Credits:** 3

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in English Composition in the lower-division undergraduate category



## Foundations of Statistics (STAT0050)

**Issued by:** SOPHIA Learning

**Issued to:** shuo yang

**Issued on:** 24 June 2023

**Description**

Students in this course learn foundational skills that will enable them to be successful in a college level Statistics course. Students will learn about fundamental concepts in statistics such as central tendency, variation, correlation, probability, and statistical analysis.



**Course Number:** SOPH-0017 (v.3)

**Total Credits:** 2

**Grade:** Pass

**Credit Recommendation**

- 2 semester hours in elementary statistics in the lower-division undergraduate category



## Trigonometry (v.4)

**Issued by:** ALEKS

**Issued to:** Shuo Yang

**Issued on:** 24 July 2023

**Description**

The course objective is to develop mastery in math concepts and operations by means of guided, assessment-based study in the ALEKS system. Recommendation for this course may not be combined with College Algebra with Trigonometry or PreCalculus due to the duplicative

nature of the content.



**Course Number:** ALEK-0006 (v.4)

**Total Credits:** 3

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in trigonometry in the lower-division undergraduate category



### Precalculus (MATH1035)

**Issued by:** SOPHIA Learning

**Issued to:** shuo yang

**Issued on:** 21 August 2023

**Description**

Students in this course will prepare for the skills needed for Calculus I. In this course, students will build off the topics in Sophia's College Algebra by evaluating and graphing functions, and solving systems of equations using matrices. Students will then investigate different types of functions by graphing power, polynomial, and rational functions. By solving exponential and logarithmic equations, students will also model real-world situations.



**Course Number:** SOPH-0069 (v.1)

**Total Credits:** 3

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in Precalculus in the lower-division undergraduate category



### Business Communication (BUSI1025)

**Issued by:** SOPHIA Learning

**Issued to:** shuo yang

**Issued on:** 4 September 2023

**Description**

Students in this course will be introduced to the essential communication skills they will need to succeed in business. The course covers personal image, distinguishing between formal and

informal communication, and developing a professional demeanor. An entire unit covers ethics, including honesty, diversity, intellectual property, and conflict resolution. Students will compose written communication with appropriate tone and language, and deliver an oral presentation to engage an audience.



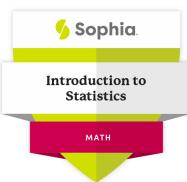
**Course Number:** SOPH-0059 (v.1)

**Total Credits:** 3

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in business communication in the lower-division undergraduate category



### Introduction to Statistics (STAT1001)

**Issued by:** SOPHIA Learning

**Issued to:** shuo yang

**Issued on:** 5 September 2023

**Description**

Students in this course will gain mastery of the basic principles of statistics. Students will learn a variety of topics, including statistical principles, research methodologies, data analysis, and hypothesis testing. Students will also have the opportunity to demonstrate the application of these topics in statistics to everyday situations.



**Course Number:** SOPH-0005 (v.4)

**Total Credits:** 3

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in elementary statistics in the lower-division undergraduate category



### Ancient Greek Philosophers (PHIL1001 - 2021)

**Issued by:** SOPHIA Learning

**Issued to:** shuo yang

**Issued on:** 15 November 2023

**Description**

Students in this course will learn about the ancient Greek philosophers who were among the first to ask fundamental questions about human existence. This course provides an overview of key figures such as Socrates, Plato, and Aristotle and examines their role in shaping history and society. Students in this course will apply philosophical lenses to analyze some of life's big questions with new depth and perspective.



**Course Number:** SOPH-0027 (v.2)

**Total Credits:** 3

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in Philosophy in the lower-division undergraduate category



## Statistics for the Behavioral Sciences (v.4)

**Issued by:** ALEKS

**Issued to:** Shou Yang

**Issued on:** 27 November 2023

**Description**

The course objective is to develop mastery in math concepts and operations by means of guided, assessment-based study in the ALEKS system. Recommendation for this course may not be combined with Business Statistics or Introduction to Statistics due to the duplicative nature of the content.



**Course Number:** ALEK-0009 (v.4)

**Total Credits:** 3

**Grade:** Pass

**Credit Recommendation**

- 3 semester hours in statistics for the behavioral sciences in the lower-division undergraduate category



## Introduction to Nutrition (HLTH1010)

**Issued by:** SOPHIA Learning

**Issued to:** shuo yang

**Issued on:** 7 December 2023

### Description

Students gain an understanding of the general concepts and practical applications of nutrition. Students will learn how to integrate the scientific principles of nutrition and how foods provide important nutrients that provide substance and energy for healthy living. Students will explore disease management and will gain knowledge on nutrients and nutritional processes. This course also explores nutrition information including food labels, advertising, and nationally established guidelines.



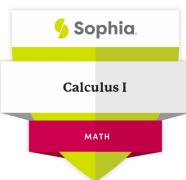
**Course Number:** SOPH-0063 (v.1)

**Total Credits:** 3

**Grade:** Pass

### Credit Recommendation

- 3 semester hours in Introduction to Nutrition in the lower-division undergraduate category



## Calculus I (MATH1040)

**Issued by:** SOPHIA Learning

**Issued to:** shuo yang

**Issued on:** 7 December 2023

### Description

Students in this course will build mastery of the fundamental concepts of calculus. In this course, students will start by reviewing precalculus topics and then gain experience with limits and continuity, interpretations and applications of the derivative, and techniques of integration. Students will also have the opportunity to demonstrate the application of these calculus topics with real-world situations.



**Course Number:** SOPH-0060 (v.1)

**Total Credits:** 4

**Grade:** Pass

### Credit Recommendation

- 4 semester hours in Calculus 1 in the lower-division undergraduate category



## IBM Applied AI Professional Certificate (V3)

Issued by: Coursera

Authorized by: IBM

Issued to: SHUO YANG

Issued on: 22 March 2023

### Description

This badge earner has a firm understanding of AI, its applications and use cases, and is familiar with IBM Watson AI services and APIs. They can create AI driven chatbots and have gained practical Python skills to work with AI. They can use IBM Watson AI services and APIs to design, build & deploy AI-powered applications on the web. They are proficient in applying AI and building AI solutions.



## 2023 Sophia Learning Ambassador

Issued by: SOPHIA Learning

Issued to: Shuo Yang

Issued on: 17 November 2023

### Description

The Sophia Ambassador Program is for current students and alumni of Sophia. These learners have expressed that Sophia has provided great benefits for their learning journey and lives. Potential ambassadors complete an application and are admitted based on adherence to our brand standards. Once accepted, Ambassadors have the opportunity to participate in monthly development meetings, engage and network in a Slack community, promote Sophia, and refer friends with discount codes, among other perks.



## Data Science Orientation

Issued by: Coursera

Authorized by: IBM

Issued to: shuo yang

Issued on: 22 November 2023

### Description

This badge earner has a good understanding of why data science, artificial intelligence (AI) and machine learning are revolutionizing the way people do business and research around the world. They have general knowledge on what data science is today.



## Tools for Data Science V2

Issued by: Coursera

Authorized by: IBM

Issued to: shuo yang

Issued on: 24 November 2023

### Description

This credential earner is able to use Jupyter Notebooks including its features and tools used by R Programmers including RStudio IDE. The earner understands how to use various data science and data visualization tools. The individual is familiar with IBM Watson Studio including its features and capabilities, and can create and share a Jupyter Notebook.



## 2024 Sophia Learning Ambassador

Issued by: SOPHIA Learning

Issued to: Shuo Yang

Issued on: 1 April 2024

### Description

The Sophia Ambassador Program is for current students and alumni of Sophia. These learners have expressed that Sophia has provided great benefits for their learning journey and lives. Potential ambassadors complete an application and are admitted based on adherence to our brand standards. Once accepted, Ambassadors have the opportunity to participate in monthly development meetings, engage and network in a Slack community, promote Sophia, and refer friends with discount codes, among other perks.



## Data Analysis with Python

Issued by: Coursera

Authorized by: IBM

Issued to: shuo yang

Issued on: 8 April 2024

### Description

This badge earner has the core skills in Data Analysis using Python. They can readily clean, visualize and summarize data using Pandas. Using Scikit-learn, the earner can develop Data Pipelines, construct Machine learning models for Regression and evaluate these models.



## Machine Learning with Python

**Issued by:** Coursera

**Authorized by:** IBM

**Issued to:** shuo yang

**Issued on:** 14 April 2024

### Description

The badge earner has demonstrated a good understanding and application of machine learning (ML) including when to use different ML techniques such as regression, classification, clustering and recommender systems. The individual has acquired the skills to use different machine learning libraries in Python, mainly Scikit-learn and Scipy, to generate and apply different types of ML algorithms such as decision trees, logistic regression, k-means, KNN, DBSCAN, SVM and hierarchical clustering.



## Applied Data Science Capstone

**Issued by:** Coursera

**Authorized by:** IBM

**Issued to:** shuo yang

**Issued on:** 14 April 2024

### Description

The credential earner has demonstrated hands-on proficiency in applying Data Science concepts to a real world inspired challenge. The earner can follow the data science methodology involving problem definition, data collection, data wrangling, exploratory data analysis, data visualization, model development, and model evaluation. The individual has also demonstrated proficiency in documenting their work and preparing a full formal data science project report.

## AMERICAN COUNCIL ON EDUCATION TRANSCRIPT LEGEND

This official transcript contains credentials evaluated by the American Council on Education. The following policies apply only to ACE validated and endorsed credentials within the transcript. The American Council on Education's Learning Evaluations connects workplace learning with colleges and universities by helping adults gain access to academic credit for formal courses and examinations taken outside traditional degree programs. ACE is the national leader in the evaluation process for education and training obtained outside the classroom.

ACE Learning Evaluations reviews are conducted by experienced college and university faculty who assess the content, scope, and rigor of an organization's educational program and make appropriate recommendations for comparable college credit and competencies achieved by students. For more information on processes and standards for ACE reviews, visit <https://www.acenet.edu/Programs-Services/Pages/Credit-Transcripts/Colleges-Universities.aspx>.

### DEFINITIONS

**American Council on Education Endorsement:** Credentials

that carry an ACE endorsement of recommended college credits or validated competencies are designated by the ACE logo in the left margin.

**Name:** Legal name as entered by the student at the time of transcript request. Because students may complete courses from multiple organizations, each credential also includes the name under which the credential was issued for tracking and verification if necessary.

**Credly ID#:** Due to a system of record change in 2019, student ID numbers may not match numbers on older ACE transcripts.

**Issued on:** The date when the student completed the associated credential.

**Courses:** ACE-endorsed credentials include a unique identifier that ACE assigns to courses and examinations. The letter prefix designates the organization providing the experience. Duplicates may appear if a student took and passed a course or examination more than once.

**Credit Recommendations:** Recommendations for college credit are designated in semester hour units (SH). Each recommendation includes a total number of SH credits recommended and a breakdown of one or more subject areas and credit levels. Levels for which recommendations are issued include Vocational/Certificate, Lower Division (100-200 level courses), Upper Division (300-400 level courses), and Graduate (500+ level courses).

**Grades:** ACE-endorsed credentials are only included on this official transcript if the student achieved a passing grade. ACE-endorsed courses and exams meet the following minimum grading requirements: Students must earn a minimum "C" grade for Vocational/Certificate, Lower Division, and Upper Division credit and a minimum "B" grade for Graduate level credit.

### RESOURCES

Additional information on ACE-endorsed educational programs, such as learning outcomes, assessment methods, etc. can be found in the National Guide to College Credit for Workforce Training at <https://www.acenet.edu/national-guide/>. Military training and occupations that carry college credit recommendations can be found at The ACE Military Guide at: <https://www.acenet.edu/Programs-Services/Pages/Credit-Transcripts/military-guide-online.aspx>.

**Inquires:** Please address inquiries to:  
American Council on Education Learning Evaluations  
One Dupont Circle NW, Suite 250,  
Washington DC, 20036

**Email:** CREDIT@acenet.edu

**Phone:** 1-866-205-6267

**Technical Support:** For technical support, visit the Credly Help Center: <https://support.credly.com/hc/en-us>