

SUMMER PROGRAMS

Asia University
Taiwan
2020



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All English-taught except *Language & Culture*



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1. Artificial Intelligence (AI)

Type : English-taught, asynchronous online delivery

Dates : August 10 ~ 25

Credits : 3

Total Hours : 63

No.	Course Title	Hours	Instructors
1	Opening Ceremony / AI Speech I	3	Shian-Shyong Tseng
2	AI Speech II	3	Int'l Speaker
3	Colab & Python	3	Cheng-Yuan Ho
4	Pandas & Scikit-learn	3	Cheng-Yuan Ho
5	Deep Learning	3	Cheng-Yuan Ho
6	AOI	3	Hsueh-Ting Chu
7	Data Science -Python I	3	Charles C.N. Wang
8	Data Science - Python II	3	Charles C.N. Wang
9	Machine Learning- Python I	3	Charles C.N. Wang
10	Machine Learning - Python II	3	Charles C.N. Wang
11	AI Speech III	3	Int'l Speaker
12	AI Speech IV	3	Int'l Speaker
13	Azure-Machine Learning	3	Shin-Hung Pan
14	Azure-Vision Service	3	Shin-Hung Pan
15	Hadoop System	3	Jing-Doo Wang
16	Computer Vision	3	Rung-Sheng Chen
17	AI Speech V	3	Int'l Speaker
18	Final Project Presentation & Feedback	4	Cheng-Yuan Ho
19	Final Project Presentation & Feedback	4	Charles C.N. Wang
20	Final Project Presentation & Feedback	4	Shin-Hung Pan

*This Schedule might be subject to change due to unexpected reason.

** Assessment is based upon Final Project Presentation & Feedback.

***Int'l Speaker (to be confirmed):

- Phillip C-Y. Sheu, IEEE Fellow, University of California, Irvine, USA
- Jiannong Cao, IEEE Fellow, The Hong Kong Polytechnic University, Hong Kong
- Victor Leung, IEEE Fellow, UBC, Canada
- Hui Lei, IEEE Fellow, IBM T. J. Watson Research Center, USA
- Raj Buyya, IEEE Fellow, University of Melbourne, Australia
- Yuanyuan Yang, IEEE Fellow, SUNY Distinguished Professor, USA



2. Web Design

Type : English-taught, asynchronous online delivery

Dates : August 3 ~ 21

Credits : 3

Total Hours : 63

No.	Course Title	Hours	Instructors
Opening Ceremony			Prof. Chia-Han Lin
1	Design and Planning Web Pages I	3	Prof. Chia-Han Lin
2	Design and Planning Web Pages II	3	Prof. Chia-Han Lin
3	Creating Web Pages with HTML I	3	Prof. Chia-Han Lin
4	Creating Web Pages with HTML II	3	Prof. Chia-Han Lin
5	Formatting Web Pages with Style Sheets I	3	Prof. Chia-Han Lin
6	Formatting Web Pages with Style Sheets II	3	Prof. Chia-Han Lin
7	Formatting Web Pages with Style Sheets III	3	Prof. Chia-Han Lin
8	Designing the Layout of your Web Pages I	3	Mario Ho
9	Designing the Layout of your Web Pages II	3	Mario Ho
10	Designing the Layout of your Web Pages III	3	Mario Ho
11	Introduction to Bootstrap and RWD	3	Prof. Chia-Han Lin
12	Responsive Web Design by using Bootstrap I	3	Prof. Chia-Han Lin
13	Responsive Web Design by using Bootstrap II	3	Prof. Chia-Han Lin
14	Programming the Web Using JavaScript I	3	Prof. Chia-Han Lin
15	Programming the Web Using JavaScript II	3	Prof. Chia-Han Lin
16	Programming the Web Using JavaScript III	3	Prof. Chia-Han Lin
17	Programming the Web Using JavaScript IV	3	Prof. Chia-Han Lin
18	Introduction to jQuery I	3	Prof. Chia-Han Lin
19	Introduction to jQuery II	3	Prof. Chia-Han Lin
20	Introduction to jQuery Mobile I	3	Prof. Chia-Han Lin
21	Introduction to jQuery Mobile II	3	Prof. Chia-Han Lin
Closing Ceremony & Feedback & Assessment			Prof. Chia-Han Lin

*This Schedule might be subject to change due to unexpected reason.

** Assessment is scheduled on the last day of the program.



3. Innovation & Entrepreneurship

Type : English-taught, asynchronous online delivery

Dates : August 1 ~ 31

Credits : 3

Total Hours : 54

No.	Course Title	Hours	Instructors
1	Opening Ceremony & Class Introduction	3	Prof. Chen, Shieh-Liang
2	Big Data Analysis I	3	Prof. Tsay, Tswn-Syau
3	Big Data Analysis II	3	Prof. Tsay, Tswn-Syau
4	Big Data Analysis III	2	Prof. Tsay, Tswn-Syau
5	Creativity and Entrepreneurship I	3	Prof. Yeneneh Tamirat Negash
6	Creativity and Entrepreneurship II	3	Prof. Yeneneh Tamirat Negash
7	Creativity and Entrepreneurship III	3	Prof. Yeneneh Tamirat Negash
8	Creative in Life I	3	Dr. Chun-Yu Chien
9	Creative in Life II	3	Dr. Chun-Yu Chien
10	Creative in Life III	3	Dr. Chun-Yu Chien
11	International Sales and Distribution I	3	Prof. Yu-Yin Hsu
12	International Sales and Distribution II	3	Prof. Yu-Yin Hsu
13	International Sales and Distribution III	2	Prof. Yu-Yin Hsu
14	E-Commerce Management I	3	Dr. Chun-Yu Chien
15	E-Commerce Management II	3	Dr. Chun-Yu Chien
16	E-Commerce Management III	3	Dr. Chun-Yu Chien
17	Customer Relationship Management (CRM) I	3	Prof. Yu-Yin Hsu
18	Customer Relationship Management (CRM) II	3	Prof. Yu-Yin Hsu
19	Customer Relationship Management (CRM) III	2	Prof. Yu-Yin Hsu
Closing Ceremony & Feedback & Assessment			

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4. FinTech

Type : English-taught, **synchronous** online delivery

Dates : July 13 ~ 24

Credits : 3

Total Hours : 60

	Mon	Tue	Wed	Thu	Fri
Week 1					
	7/13	7/14	7/15	7/16	7/17
9:10-12:00	Online welcome and Orientation	Design Thinking in FinTech	Introduction of Crypto-Currency	Block-Chain Management and Application	Application of Business Software Package
	Dean Chen	Prof. Yeneneh Tamirat Negash	Prof. Yun-Sun, Tsay	Prof. Chih-Chung, Chien	Prof. Tswm-Syau, Tsay
13:10-17:00	Artificial Intelligence in Fintech Programming I	Design Thinking in FinTech	Introduction of Crypto-Currency	Block-Chain Management and Application	Application of Business Software Package
	Prof. Chih-Chung, Chien	Prof. Yeneneh Tamirat Negash	Prof. Yun-Sun, Tsay	Prof. Chih-Chung, Chien	Prof. Tswm-Syau, Tsay
Week 2					
	7/20	7/21	7/22	7/23	7/24
9:10-12:00	Financial Big Data Analytics	Internalization of Fintech in Capital Market	Artificial Intelligence in Fintech Programming II	Investment Analytics and Technology Application	Feedback & Assessment
	Prof. Chang, Ming-Jen	Prof. Tsai, Feng-Tse	Prof. Chih-Chung, Chien	Prof. Shyh-Weir, Tzang	
13:10-17:00	Financial Big Data Analytics	Internalization of Fintech in Capital Market	Artificial Intelligence in Fintech Programming II	Investment Analytics and Technology Application	Feedback & Assessment
	Prof. Chang, Ming-Jen	Prof. Tsai, Feng-Tse	Prof. Chih-Chung, Chien	Prof. Shyh-Weir, Tzang	

*This Schedule might be subject to change due to unexpected reason.

**Assessment is scheduled on the last day of the program.



5. Taiwan Economy and Culture

Type : English-taught, **blended** online delivery – **both synchronous and asynchronous**

Dates : July 21 ~ August 20

Credits : 3

Total Hours : 64

	Mon	Tue	Wed	Thu	Fri
Week 1					
		7/21	7/22	7/23	7/24
9:10-12:00			The Introduction of Taiwan Tourism	Taiwan's Cuisine Culture	Taiwan's Heritage
13:10-16:00		Opening Ceremony Introduction to Taiwan Financial Economic and Culture	Creative Entrepreneurship in leisure and recreation industries	Taiwan's Night Market	Taiwan's Modern Art
Week 2					
	7/27	7/28	7/29	7/30	7/31
9:10-12:00	Taiwan's Indigenous Culture	Investor's Valuation in Taiwan Financial Economic	Investment Analytics		
13:10-16:00	Introduction to Financial Investment	Optimal Portfolio and Asset Pricing	Introduction to Real Investment		
Week 3					
	8/3	8/4	8/5	8/6	8/7
9:10-12:00	Taiwan Machine Learning and Big Data	Strategy & Prospective Analysis	Real Investment and Option Game	MNC Exit and Entry	Closing Ceremony & Assessment & Feedback
13:10-16:00	Business Valuation in in Taiwan Financial Economic	Financial Option and Real Option	Real Investment and Information Asymmetric	Rehearsal	

*This Schedule might be subject to change due to unexpected reason.

** Assessment is scheduled on the last day of the program.



6. Community Care Practice in Taiwan

Type : English-taught, **blended** online delivery – **both synchronous and asynchronous**

Dates : July 6 ~ 15

Credits : 3

Total Hours : 60

	Mon	Tue	Wed	Thu	Fri
Week 1					
	7/6	7/7	7/8	7/9	7/10
9:10-12:00	Orientation and Introduction of Asia University	Community Care Practice in Taichung 1. Jiuzheng Community Center 2. GuangFu Village/Asia Univ. INGO Center	Community Care Practice 1. Nice Community Association (Community Association Industry) 2. Changhua Community Resource Center	Ecology and Communities in Taiwan and Community Social Enterprise in Taiwan	1. Taomi Community Center 2. Formosan Aboriginal Culture Village
	Dr. Song-Lin Huang	Dr. Chih-Bang Hsiao		Dr. He-Chiun Liu	Mr. Shih-Chou Huang
13:10-17:00	1. Community Care & Social Policy in Taiwan 2. Visit Asia Modern Art Museum	Local Culture restoration and Communities in Taiwan	3. Lugang Mazu Temple & Lugang old street 4. Taiwan Yogurt Biscuits College	Community Oriented Welfare and Health promotion in Taiwan	Indigenous Culture and Community care in Taiwan
	Dr. Song-Lin Huang	Dr. Shu-Chuan Liao	Mr. Shih-Chou Huang	Dr. Chih-Bang Hsiao	Dr. Che-Yin Lin



Week 2					
	7/13	7/14	7/15	7/16	7/17
9:10-12:00	Introduction of Longgang Community Center, Taoyuan.	1. Zhang Rong Community, Tainan (Long-Term Care Practice). 2. RenDe (Ten Drum) Sugar Factory 3. Chimei Museum 4. Participants Upload Homework and Feedback Questionnaires for the Program	Domestic Violence Prevention program in the community (DaHuo Community Center, West District, Taichung)		
	Mr. Shih-Chou Huang		Mr. Qinghua Meng		
13:10-17:00	Volunteering management and Community Care in Taiwan	Mr. Shih-Chou Huang	1. Evaluation and Feedback of the participants 2. Feedback questionnaires for the program 3. Closing Ceremony		
	Dr. Yu-Ling Hsieh		Dr. Song-Lin Huang		

*This Schedule might be subject to change due to unexpected reason.

** Assessment is based upon Evaluation and Feedback of the participants.



7. Language & Culture

Type : Chinese-taught, **synchronous** online delivery

Dates : August 3 ~ 21

Credits : 3

Total Hours : 54

	Mon	Tue	Wed	Thu	Fri
Week 1					
	8/3	8/4	8/5	8/6	8/7
10:10-12:00	Orientation (11am)	Chinese Language – Campus Life and Socializing	Chinese Language – Campus Life and Socializing	Chinese Language – Campus Life and Socializing	Chinese Language – Campus Life and Socializing
13:10-15:00	Level Test	Chinese Language – Campus Life and Socializing	Chinese Language – Campus Life and Socializing	Chinese Language – Campus Life and Socializing	Chinese Language – Campus Life and Socializing
Week 2					
	8/10	8/11	8/12	8/13	8/14
10:10-12:00	Chinese Language – Healthy and Hobbit	Chinese Language – Healthy and Hobbit	Chinese Language – Healthy and Hobbit	Chinese Language – Healthy and Hobbit	Chinese Language – Healthy and Hobbit
13:10-15:00	Chinese Language – Healthy and Hobbit	Chinese Language – Healthy and Hobbit	Chinese Language – Healthy and Hobbit	Chinese Language – Healthy and Hobbit	Chinese Language – Healthy and Hobbit
Week 3					
	8/17	8/18	8/19	8/20	8/21
10:10-12:00	Chinese Language – Festival and custom	Chinese Language – Festival and custom	Chinese Language – Festival and custom	Chinese Language – Festival and custom	Chinese Language – Festival and custom
13:10-15:00	Chinese Language – Festival and custom	Chinese Language – Festival and custom	Chinese Language – Festival and custom	Chinese Language – Festival and custom	Final Exam & Feedback

*This Schedule might be subject to change due to unexpected reason.

** Assessment is scheduled on the last day of the program.



NOTE



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Handbook

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