

## International Honors Program 2018

**Schedule for Big Data in Health Care (4-15 June)**
**Week 1: 04 – 08 June 2018**

Time	Monday 6/4	Tuesday 6/5 Da-An campus 11F	Wednesday 6/6 Da-An campus 11F	Thursday 6/7 Da-An campus 11F	Friday 6/8 Da-An campus 11F
9:00-12:00	<b>8:30, OGE</b> <b>Assembly at Formosa 101</b>  9:00-10:00, OGE <b>Program Overview</b> <i>@ TMU Conference Hall</i>  10:00- 11:30 <b>Campus Tour &amp;</b> <b>Core Facility Center</b> <i>@ TMU Main Campus</i>	9:00-12:00, Dr. Zheng-Yun Zhuang  <b>Data-driven</b> <b>Decision-making: Theories and Applications</b>	9:00-12:00, Sheu-Wen Chuang  <b>All work is contextual - How your systems keep running everyday</b>	9:00-12:00, Sheu-Wen Chuang  <b>Big data in disaster management - Challenges and opportunities</b>	9:00-12:00, Dr. Hui-Chun Hung  <b>Data Visualization: Fundamentals and Essential Design Principles</b>
12:00-13:30	<b>12:00 – 14:00</b> <b>Welcome lunch</b>	<b>Lunch</b> <b>(Da-An campus, B201)</b>	<b>Lunch</b> <b>(Da-An campus, B201)</b>	<b>Lunch</b> <b>(Da-An campus, B204)</b>	<b>12:00 – 13:00</b> <b>Lunch</b> <b>(Da-An campus, B205)</b>
13:30-15:30	<b>14:30 – 15:30</b> <b>Visit to Wan Fang Hospital</b>	<b>Chinese Language Course</b> <b>(B201)</b>	<b>Chinese Language Course</b> <b>(B201)</b>	<b>Chinese Language Course</b> <b>(B204)</b>	<b>* Discovery Center of Taipei OGE &amp; Mandarin teacher</b>
15:30-17:00		<b>Group discussion</b> <b>(B201)</b>	<b>Group discussion</b> <b>(B201)</b>	<b>Group discussion</b> <b>(B204)</b>	

**Week 2: 11 – 15 June 2018**

Time/Period	Monday 6/11 Da-An campus 11F	Tuesday 6/12 Da-An campus 11F	Wednesday 6/13 Da-An campus 11F	Thursday 6/14 Da-An campus 11F	Friday 6/15 Da-An campus 11F
9:00-12:00	9:00-12:00, Dr. Hui-Chun Hung  <b>Visual Analytics Techniques and Applications</b>	9:00-12:00, Dr. Zheng-Yun Zhuang  <b>Facilitating Optimal Non-clinical Healthcare Decisions from Data Analytics</b>	9:00-12:00, Dr. Yen-Kuang Lin  <b>Common Statistical Approach with SAS Application</b>	9:00-12:00, Dr. Yung-Chun Chang  <b>Exploring the Mystery of Text Mining (I): Basic Concept of Text Mining and Its Applications, The pre-processing, Data Representation, and Vector Space Model</b>	9:00-12:00, Dr. Yung-Chun Chang  <b>Exploring the Mystery of Text Mining (II): Text Classification, Performance Evaluation, Case Study and Hands On</b>
12:00-13:30	<b>Lunch (Da-An campus, B202)</b>			<b>Bound for Pastry Museum</b>	<b>Lunch (Da-An campus, B204)</b>
13:30-15:30	<b>Chinese Language Course (B202)</b>			<b>13:00 Kuo Yuan Ye Pastry Museum &amp; Pineapple Cake Making Experience &amp; Meal Box</b>	<b>Final group presentation &amp; Closing ceremony</b>
15:30-17:00	<b>Group discussion (B202)</b>			<b>OGE &amp; Mandarin teacher</b>	<b>OGE &amp; Mandarin teacher (B204)</b>