**附件1：“数据科学”计划安排表 PROVISIONAL SCHEDULE (subject to change)**

|  |  |
| --- | --- |
| **22nd July, Saturday** | |
|  |  |
|  | Arrive in the UK |
|  | Ice-breaking Session (depending on the arrival time of students) |
|  |  |
| **23rd July, Sunday** | |
|  |  |
| 10:30 | Orientation |
| 14:00 | Academic English Skills |
| 16:30 | End of day |
|  |  |
| **24th July, Monday** | |
|  |  |
| 09:00 | Programme Registration |
| 09:15 | **Welcome, Housekeeping and Introduction to Imperial** |
| 09:30 | **Programme Overview and Icebreaker** |
| 10:00 | **Introduction to Data Science** |
| 12:30 | **Group Photo** |
| 13:00 | **Welcome lunch with student ambassadors** |
|  | **Followed by campus tour** |
| 14:00 | **Team building and leadership** |
| 16:30 | End of day |
|  |  |
| **25th July, Tuesday** | |
|  |  |
| 09:30 | **Exploratory Data Analysis** |
| 11:00 | **Introduction to Natural Language Processing** |
| 12:30 | Lunch |
| 13:30 | **Group Project Introduction and Briefing** |
|  | **Data preparation** |
| 16:30 | End of day |
|  |  |
| **26th July, Wednesday** | |
|  |  |
| 09:30 | **Data Science for Computer Vision** |
| 12:30 | Lunch |
| 13:30 | **Social activity 1** |
|  | **Thames River Cruise** |
| 16:30 | Tour ends |
|  |  |
| **27th July, Thursday** | |
|  |  |
| 09:30 | **Machine Learning for Data Science** |
| 12:30 | Lunch |
| 13:30 | **Project tutorials Q & A** |
| 15:00 | Teams work on group project |
| 16:30 | End of day |
|  |  |
| **28th July, Friday** | |
|  |  |
| 09:30 | **Data Visualization** |
| 12:30 | Lunch |
| 13:30 | **Visit to DSI 360 observatory for Groups 1, 2, 3, 4** |
| 14:30 | **Visit to DSI 360 observatory for Groups 5, 6, 7, 8** |
| 15:30 | **Visit to DSI 360 observatory for Groups 9, 10, 11** |
| 16:30 | **Visit to DSI 360 observatory for Groups 12, 13, 14** |
|  | Teams work on group project during non-visit period |
| 17:30 | End of day |
|  |  |
| **29th & 30th July, Saturday & Sunday** | |
| Free time to explore London | |
| **31st July, Monday** | |
|  |  |
| 09:30 | **Data Science Entrepreneurship** |
| 12:30 | Lunch |
| 13:30 | **Effective Communication for Presentation Workshop** |
| 16:30 | End of day |
|  |  |
| **1st August, Tuesday** | |
|  |  |
| 09:30 | **Transforming the future of healthcare with data science** |
| 12:30 | Lunch |
| 13:30 | **Social activity 2** |
|  | **Silicon Roundabout Tech City Tour** |
| 16:30 | Tour ends |
|  |  |
| **2nd August, Wednesday** | |
|  |  |
| 09:30 | **Introduction to Blockchain Technology** |
| 12:30 | Lunch |
| 13:30 | **Data Privacy and Ethics** |
| 15:30 | Teams work on group project |
| 16:30 | End of day |
|  |  |
| **3rd August, Thursday** | |
|  |  |
| 09:30 | **Advances in Data Science - Research showcase** |
| 12:30 | Lunch |
| 13:30 | **Opportunities for International Students** |
| 14:00 | **Project tutorials Q & A** |
| 15:30 | Teams work on group project |
| 16:30 | End of day |
|  |  |
| **4th August, Friday** | |
|  |  |
| 09:00 | **Students arrive to upload project presentations** |
| 09:30 | **Group 1** |
| 09:45 | **Group 2** |
| 10:00 | **Group 3** |
| 10:15 | **Group 4** |
| 10:30 | **Group 5** |
| 10:45 | Break |
| 11:00 | **Group 6** |
| 11:15 | **Group 7** |
| 11:30 | **Group 8** |
| 11:45 | **Group 9** |
| 12:00 | **Group 10** |
| 12:15 | **End of presentation** |
|  | **Students to complete feedback form** |
| 12:45 | End of summer school reception lunch |
| 14:00 | **Announcement of winning teams** |
|  | **and Certificate Ceremony** |
| 15:00 | End of summer school |
|  |  |
| **5th & 6th August, Saturday & Sunday** | |
| Free time to explore London | |
| **7th August, Monday** | |
|  |  |
| 10:30 | Workshop: Alumni Experience Sharing |
|  | (Master’s and PhD/ Career opportunities) |
| 13:30 | London Visit |
|  |  |
| **8th August, Tuesday** | |
| **London Visit / Departure Day** | |