

Science and Engineering Summer School 2017

Monday 10 July
to
Friday 21 July 2017



Discover the thrills of science and technology in the heart of Manchester and connect with new friends from around the world!

The Faculty of Science and Engineering proudly invites you to our Summer School 2017.



Based at our All Saints City Centre campus, you will enjoy lectures, seminars and workshops, combined with guided city visits; all delivered by expert teaching and research staff.

Below are examples from the programme.

Engineering

- An introduction to the Automotive Industry
- A tour of the Automotive workshop (formula student car)
- Rubber Band car activity
- Demonstration of gearbox, suspension and brake systems



Computing

- Introduction to Programming
- Processing Exercises (Processing)
- Game Design and Development
- Game Development exercises (Unity)



Environment Science

- Lectures
- Seminars
- Lab practical exercises
- Mobile GIS fieldwork
- Visits to local environmental educational centres and recycling centres



What's included

The programme covers:

- Tuition
- Accommodation
- Social Programme
- Airport collection
- Welcome and farewell meals



Activities and visits may include:

- Walking tours of Manchester
- Manchester United & Manchester City Football clubs
- Museum of Science and Industry
- The BBC and MediaCityUK
- Liverpool Albert docks and City Centre visit



Proposed schedule and programme for Science and Engineering Summer School.

Date		Schedule
09/07/2017	Sunday	Arrive at Manchester
10/07/2017	Monday	Morning: Welcome to Faculty of Science and Engineering Welcome Lunch Afternoon: Town Hall and City tour
11/07/2017	Tuesday	Engineering <ul style="list-style-type: none"> • Brief introduction of Automotive industry • A tour to automotive workshop (formula student car) • Demonstration of gearbox, suspension and brake systems
12/07/2017	Wednesday	Engineering <ul style="list-style-type: none"> • Rubber Band race car activity • Competition
13/07/2017	Thursday	Computing <ul style="list-style-type: none"> • Introduction to Programming • Processing Exercises
14/07/2017	Friday	Computing <ul style="list-style-type: none"> • Game design and development • Game development exercises (Unity)
15/07/2017	Saturday	Free
16/07/2017	Sunday	Cultural visit
17/07/2017	Monday	Environmental science Lectures, seminars, lab practical exercises and mobile GIS fieldwork
18/07/2017	Tuesday	Environmental management Visits to local environmental educational centres and recycling center
19/07/2017	Wednesday	Cultural visit
20/07/2017	Thursday	Morning: Independent group preparation of presentation Afternoon: Presentation and Certificate of attendance Farewell dinner
21/07/2017	Friday	Return to China

Fees and key dates:

Summer School Dates: Monday 10 July to Friday 21 July 2017

Application Deadline: 17 April 2017

Notification of Acceptance: 21 April 2017

Confirmed Price: £1,500

Accommodation and cultural visits are included in the price

Who should apply:

Entry Requirements

To apply to the MMU Science and Engineering Summer School, we expect the following:

- You will be 18 or over on the first day of the course.
- You will be a registered undergraduate student at a tertiary institution such as a university or college. Mature students, postgraduates and recent graduates are also welcome to apply.
- Students from partner institutions will be given priority.

English Language Proficiency

- IELTS score of 5.0 (or equivalent)

If you do not currently satisfy our academic or English language requirements, you may be given a conditional offer with details of how you can meet our entry criteria.

Further Information

If you would like more information on the Science and Engineering Summer School please contact us at:

pprogs-scieng@mmu.ac.uk or visit our website:

sci-eng.mmu.ac.uk/summer-school