

# Imperial College London

## DEPARTMENT OF CHEMICAL ENGINEERING

### 2018 Summer School & how to apply

For US academic institutions

#### Typical sessional information

Sessions are Monday to Friday 0900-1730 hrs with up to 6 hours per day contact time. There are two sessions per day, morning and afternoon. There is usually one day per week un-timetabled for independent study and leisure time activities.

All course materials are included within the tuition fee. Students will also be provided with free IT access on campus. A designated room is available for students during their period on campus for study and lectures. Students will also have access to a wide range of other College facilities and there are plenty of onsite restaurant facilities with reduced prices.

#### Carbon capture pilot plant sessions

Students receive hands-on instruction on safety, carbon capture theory, reading Piping & Installation Diagrams (PIDs), how to start up, shut down, run efficiently and safely a typical chemical engineering plant using our state-of-the-art carbon capture pilot plant. These sessions will give students a real-world industrial training experience which is uniquely available here at Imperial. Each session will have a maximum of 16 students at a time.

#### Undergraduate laboratories sessions

Students are normally allocated into pairs or triplets and will undertake a selection of hands-on experiments in our world-class laboratories from more than 45 experiments currently in our teaching portfolio. These can include experiments on thermodynamics, reaction engineering, heat and mass transfer/transport, analytical chemistry, process instrumentation and chemical synthesis. Teams will be rotated to give students the opportunity to work with different partners during their course.

Safety is paramount in all of our teaching and learning exercises: we pride ourselves in delivering a safety culture which reflects best possible industrial practice, and in doing so prepare our students for work in a real industrial environment.

#### Social programme

Two optional one-day leisure trips are provided: Stonehenge, Bath and Windsor Castle and a hop-on/hop-off London riverboat cruise to The Tower of London and Royal Greenwich. All students receive a London Transport Oyster travel card pre-loaded with an initial £10 that can be used for travel within London during the course. A full-time local tutor/mentor is assigned to your course group and members of our team are always available to assist.

## **Accommodation and meal arrangements**

Accommodation and meal plans are **not** included within the fees. Institutions or individuals may choose to make their own arrangements or we can assist with this; as London is the capital of the UK it is a highly desirable location with summer accommodation always in high demand and should be booked early. As an indication of cost and without guarantee, we can arrange for student rooms at a local hostel on a full board and sharing basis of circa \$US400/week, payable in £GBP. As the accommodation is not tied to our course, colleges may wish to stay for a longer period than our course. This hostel requires non-refundable deposits to reserve rooms.

**2018 Imperial tuition fees** – all payments to be made in GBP\*

**Five-week course:** Comprising 8 Pilot Plant sessions and 16 Undergraduate Laboratories sessions, and equivalent to 3 US credit hours each.\*\*

Fee £2,600 (\$US 3,584)\*\*\* per student

## **Teaching staff**

All teaching is delivered by our own highly rated professional teaching staff. US colleges may also send a member of faculty to accompany their students and provide extra tuition.

## **Course syllabus**

We can offer a ready-made programme (please ask for details) or colleges are welcome to discuss with us one specially constructed to meet their student's needs from our list of more than 45 experiments. Institutions are welcome to supply their own teaching staff to co-teach with our teaching team, as well as taking a lead role in course structure, content and student assessment, noting that we do not offer UK or US credits.

## **Getting to the UK and visa arrangements**

We will be pleased to assist you with associated administrative issues but travel or visa arrangements are not included within our fees.

## **Application and further information**

**Please note that our Summer School 2018 is for block bookings by institutions only and we are unable to accept applications from individual students.**

This leaflet is intended to give basic information only about our 2016 Chemical Engineering Summer School. For further information and inquiries please refer to our website at: [www.imperial.ac.uk/chemicalengineering/discovery/summerschool](http://www.imperial.ac.uk/chemicalengineering/discovery/summerschool) or email us at: [chemengdiscovery@imperial.ac.uk](mailto:chemengdiscovery@imperial.ac.uk) for full course details.

\* Invoice to US institution will be made out in £GBP.

\*\* Total of 6 US credit hours is indicative only as this is not a US/UK credit-rated course.

\*\*\* £GBP is fixed but \$US is indicative only and may alter according to currency fluctuation.

All information is correct at 22.01.18 but subject to change; for up-to-date information please consult our website.