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.

2019 tuition fees – all payments to be made in GBP*

**Three-week course:** Comprising one module of theory to ensure that all students are at the same learning stage, two modules of eight Pilot Plant sessions.
Fee: £2,000 (circa US$2,757/RMB17,744)**

**Five-week course:** Comprising two modules of eight Pilot Plant sessions and 16 undergraduate laboratories sessions.
Fee: £2,600 (circa US$3,584/RMB23,064)**

* Invoice to institution will be made out in £GBP.
** £GBP is fixed but US$/RMB is indicative only and may alter according to currency fluctuation.

**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 or email us at: 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 8 January 2019 but subject to change; for up-to-date information please consult our website.