

Basic details

UID  Cohorts covered 

Earliest cohort	Latest cohort
2023-24	<input type="text"/>

Long title

New code  New short title

Brief description of module (approx. 600 chars.)

626 characters

Available as a standalone module/ short course?

Statutory details

	ECTS	CATS	Non-credit	HECOS codes
Credit value	5	10	N	<input type="text"/>
FHEQ level	<input type="text" value="5"/>			<input type="text"/>

Allocation of study hours

	Hours	
Lectures	0	
Group teaching	10	<i>Incl. seminars, tutorials, problem classes.</i>
Lab/ practical	0	
Other scheduled	30	<i>Incl. project supervision, fieldwork, external visits.</i>
Independent study	85	<i>Incl. wider reading/ practice, follow-up work, completion of assessments, revisions.</i>
Placement		<i>Incl. work-based learning and study that occurs overseas.</i>
Total hours	125	
ECTS ratio	25.00	

Project/placement activity

Is placement activity allowed?

Module delivery

Delivery mode  Other   
 Delivery term  Other

Ownership

Primary department

Additional teaching departments

Delivery campus

### Collaborative delivery

Collaborative delivery?

External institution   
 External department   
 External campus

### Associated staff

Role	CID	Given name	Surname
Module Leader		Mark	Richards
		Kayleigh	Murphy

### Learning and teaching

#### Module description

Learning outcomes	<p>On completion of this module you will be able to:</p> <ul style="list-style-type: none"> <li>• work cooperatively with teachers, technicians and pupils in a school environment.</li> <li>• plan and teach part or the whole of a science lesson in a school with support from a host teacher</li> <li>• identify an area of your host school's learning and teaching environment to which you can make some improvement and design and carry out a teaching project to implement this.</li> <li>• critically analyse your own and others' teaching sessions, identifying strengths and areas for improvement.</li> <li>• provide verbal and written analysis of your experiences to an audience of peers and academics.</li> </ul>
Module content	<p>Prior to starting your placement you will receive information and training on types of school in the UK, guidance on behaviour as a guest in a school environment, including ethical and safe practice and hints and tips on lesson planning and delivery. During the placement most of your own learning will come in the classroom with guidance from the host teacher and an academic guide; this will be bespoke as the exact environment you are in will determine the areas in which you will most benefit from guidance. At Imperial, there will be a support tutorial providing guidance on how to deliver the project and how to maximise the benefits you gain from your time at the school.</p>
Learning and Teaching Approach	<p>You will need to apply to take Communicating Physics and pass a short interview where you are asked to deliver a short teaching session to the panel. The teaching starts here as the panel provide you with feedback on the strengths and areas for improvement via this exercise.</p> <p>On the first day of term 1, the module has a training day with teaching experts both from Imperial and outside the College delivering interactive sessions on teaching tips and best practice, plus former Communicating Physics students sharing their experiences from the year before.</p> <p>Once schools have been allocated, you are assigned an Academic Guide who acts as a personal tutor for the module. They will help you at Imperial with the project and will also come and observe you teach one session at the school and subsequently provide you with rich and detailed guidance as feedback.</p>

Assessment Strategy	<p>Summative assessment for the module comprises four parts:</p> <ol style="list-style-type: none"> <li>1. A journal of teaching activity, worth 20% completed as a series of diary entries in the student's own time.</li> <li>2. An end-of-module report (4000-word upper limit) detailing the project you have implemented during your placement, worth 40%.</li> <li>3. A 10-12-minute presentation on your experience in the classroom, worth 25%.</li> <li>4. A teacher evaluation, worth 15%. This is completed entirely by the host teacher and requires no administrative input by the student.</li> </ol> <p>In addition you must complete a progress questionnaire in week 4 of term 2; this is compulsory to submit but does not count towards the grade.</p>
Feedback	<p>Formative feedback is provided in real time by the host teacher(s) and occasionally other staff in the school - they are very used to seeing people starting out in teaching and able to provide deep insight at each session. In addition, the academic-guide visit will provide you with valuable input. Peer feedback comes from the two timetabled tutorials where sections of the sessions are dedicated to open group discussion on ongoing experiences; in addition, we run an optional-attendance mixer event with past course graduates who share their experiences.</p>
Reading list	<ul style="list-style-type: none"> <li>• Teaching Secondary Physics by David Sang</li> <li>• ASE guide to secondary science education by Martin Hollins</li> </ul>

### Quality assurance

Date of first approval

Date of last revision

Date of this approval

### Office use only

QA Lead

Department staff

Date of collection

Module leader

Date exported

Date imported

Notes/ comments



UID	Legacy code	Module title	Requisite type

## Assessment details

Grading method	Numeric	Pass mark	40%
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## Assessments

Assessment type	Assessment description	Weighting	Pass mark	Must pass?
Coursework	Progress questionnaire	0%	N/A	Y
Coursework	Journal	20%		N
Practical	Oral presentation	25%		N
Coursework	Formal report	40%		N
Practical	Host-teacher assessment	15%		N

100%