



Queensland University of Technology  
Brisbane Australia

# QUT Science and Engineering Faculty

## Summer School Program

### TENTATIVE SCHEDULE

v.001 18/04/2019

SUNDAY, 14 <sup>TH</sup> JULY	
Various times	Students arrive at Brisbane Airport
	<ul style="list-style-type: none"><li><i>Buses to pick up students from Brisbane Airport and transport to QUT Kelvin Grove campus to meet their homestay families</i></li></ul>

MONDAY, JULY 15 <sup>TH</sup>		
AM	Students arrive at QUT Gardens Point Campus (travel coordinated individually by students/homestay families)	
	Welcome and Summer School Opening	
	<ul style="list-style-type: none"> <li>Professor John Bell, Head of School of Chemistry, Physics and Mechanical Engineering, will welcome the students to QUT</li> </ul>	
	Issuing of QUT ID cards	
	Lunch	
PM	ELMO Modules / Online Training	
	<ul style="list-style-type: none"> <li>Students to complete ELMO modules including:               <ul style="list-style-type: none"> <li>General Evacuation Training</li> <li>Health, Safety and Environment Induction</li> <li>Laboratory Induction</li> </ul> </li> </ul>	
	Afternoon tea break	
	Get to know you activities / games	
16:00/16:30	Students return to homestay accommodation	

TUESDAY, JULY 16 <sup>TH</sup>		
AM	Research Lecture/Seminar 1	
	Morning tea break	
	Research Lecture/Seminar 2	
	Lunch	

PM	<b>Scavenger Hunt</b>
	<ul style="list-style-type: none"> <li>A scavenger hunt based around the theme of Renewable Energy – a fun and interactive activity for our visiting Summer School students, allowing them to explore the campus and its surroundings whilst collecting/completing tasks.</li> </ul>
	<b>Scavenger Hunt Judging and Prizes</b>
16:00/16:30	<b>Students return to homestay accommodation</b>

<b>WEDNESDAY, JULY 17<sup>TH</sup></b>	
8:15	<b>Students arrive early on campus</b>
8:30	<b>Proposed departure on charter bus / Travel</b>
10:00	<b>Tour of Eco Village at Currumbin (including morning tea)</b>
	<ul style="list-style-type: none"> <li>Students will witness an award winning ecologically sustainable and conscious community that demonstrates: <ul style="list-style-type: none"> <li>Passive solar house designs to reduce the demand for space heating and cooling, and improve occupant comfort;</li> <li>Low embodied energy (materials that don't require extensive energy to produce);</li> <li>All homes with solar water heating and rooftop PV;</li> <li>Water sensitive urban design plus household rainwater collection and use;</li> <li>Food production (at household level and in street plantings);</li> <li>Community scale waste water treatment plant and reticulated recycled water;</li> <li>Community scale waste reduction, reuse and recycling;</li> <li>Protection of local flora and fauna.</li> </ul> </li> </ul>
12:30	<b>Departure/travel to David Flay's Wildlife Park</b>
1:00	<b>David Flay's Wildlife Park (bring your packed lunch)</b>
	<ul style="list-style-type: none"> <li>Based in Burleigh Heads, this is your opportunity to witness Australia's amazing wildlife including the platypus, cassowaries, dingoes, crocodiles, wedge-tailed eagles, emus, kangaroos &amp; koalas.</li> </ul>
15:00	<b>Depart Wildlife Park / Travel back to Brisbane</b>
16:30	<b>Students return to homestay accommodation</b>

<b>THURSDAY, JULY 18<sup>TH</sup></b>	
AM	<b>Research Lecture / Seminar 3</b>
	<b>Morning tea break</b>
	<b>Research Lecture / Seminar 4</b>
	<b>Lunch</b>

PM	<b>Practical Work Rotation 1 (includes afternoon tea break)</b>
	<ul style="list-style-type: none"> <li>Students will work in groups, rotating through 4 different practical activities –each activity will focus on an element/application of sustainable energy including photovoltaics, building efficiency and how to make a solar cell using Australian wine or fruit juice.</li> </ul>
16:00/16:30	<b>Students return to homestay accommodation</b>

<b>FRIDAY, JULY 19<sup>TH</sup></b>	
AM	<b>Practical Work (Rotation 2)</b>
	<b>Morning tea break</b>
	<b>Practical Work (Rotation 3)</b>
PM	<b>Lunch</b>
	<b>Practical Work (Rotation 4)</b>
16:00/16:30	<b>Students return to homestay accommodation</b>

<b>SATURDAY, JULY 20<sup>TH</sup> – SUNDAY, JULY 21<sup>ST</sup></b>	
Free time	<b>Activities/Time with your homestay families</b>
	<ul style="list-style-type: none"> <li>We encourage the students to enjoy their weekend with their homestay families/hosts – particularly if they have organized fun activities/experiences for you to partake in!</li> </ul>

<b>MONDAY, JULY 22<sup>ND</sup></b>	
AM	<b>Presentation Preparation (including morning tea break)</b>
	<ul style="list-style-type: none"> <li>Students will work in their presentation groups on their pre-allocated topic in order to present to the Summer school group on Tuesday</li> </ul>
	<b>Lunch</b>
PM	<b>Presentation Preparation (including afternoon tea break)</b>
	<ul style="list-style-type: none"> <li>Students will finalise their presentation material</li> </ul>
16:00/16:30	<b>Students return to homestay accommodation</b>

<b>TUESDAY, JULY 23<sup>RD</sup></b>		
AM	<b>Project/Group presentations</b>	GP-O134
	<ul style="list-style-type: none"> <li>Students will present on their designated topics to their peers</li> </ul>	
	<b>Morning tea break</b>	Garden Lounge
	<b>Project presentations</b>	GP-O134
	<ul style="list-style-type: none"> <li>Presentations continue!</li> </ul>	
12:00	<b>Presentation of Certificates and Closing of Summer School</b>	GP-O134
12:30	<b>Wrap-up Barbecue</b>	Courtyard between O and M
	<ul style="list-style-type: none"> <li>Students will enjoy a true-blue Aussie style BBQ of Australian staples such as sausages and rissoles on rolls with sauce, salads and a cold beverage!</li> </ul>	
13:30	<b>Students return to homestay accommodation</b>	

<b>WEDNESDAY, JULY 24<sup>TH</sup></b>		
Various Times	<b>Students depart Australia</b>	
	<ul style="list-style-type: none"> <li>Buses will be provided at pick up point (QUT Kelvin Grove Campus) for students to travel back to the Brisbane International Airport in time for their flights home.</li> </ul>	