

**UL has world-class research expertise in the following key areas:**

- **Materials and Surface Science:** including composite materials, nano materials, solid-state pharmaceutical materials and biomimetic materials (for solar energy conversion and for biocatalysis)
- **Information & Communication Technologies:** chiefly Software Engineering and Telecommunications and Networks with an emphasis on thermal management and energy efficiency issues
- **BioEngineering & Biosciences:** including MicroFluidics, Biomedical Engineering and Structural Biology
- **Energy and Sustainable Environment:** with particular emphasis on biomass and biofuels, energy storage and materials, and monitoring, modelling and sustainability
- **Applied Mathematics:** with particular emphasis on mathematical modelling of fundamental problems in science, engineering and industry
- **Study of Knowledge in Society:** concerning social inequality and cultural diversity with a particular focus on health, technology, citizenship and development

UL's research successes are enhanced by the ongoing development of interdisciplinary research institutes, centres & units, and collaboration with international academic and industrial partners. UL currently has 4 multidisciplinary institutes and 36 centres across departments and colleges. The following is a list of the approved institutes, centres and units within UL, with links to further information about each. While appropriate links are provided below, we would suggest you contact UL's Technology Transfer Office ([paul.dillon@ul.ie](mailto:paul.dillon@ul.ie); phone 00-353-61-202611) to discuss your query in the first instance.

<b><u>Research Institutes</u></b>	
 <p><b>MSSI</b></p>	<p><a href="#"><u>Materials &amp; Surface Science Institute</u></a></p>
 <p><b>Stokes Research Institute</b></p>	<p><a href="#"><u>Stokes Research Institute</u></a></p>

	<p><a href="#">LERO - Irish Software Engineering Centre</a></p>
	<p><a href="#">Institute for the Study of Knowledge in Society</a></p>

<b><u>Research Centres</u></b>	
<b><i>Faculty of Science &amp; Engineering</i></b>	
<p><a href="#">Automation Research Centre</a></p>	
<p><a href="#">Biomedical Electronics Research Centre</a></p>	
<p><a href="#">Carbolea</a></p>	
<p><a href="#">Centre for Advancement of Mathematical Education in Technology</a></p>	
<p><a href="#">Centre for Applied Biomedical Engineering Research</a></p>	
<p><a href="#">Centre for Biostatistics</a></p>	
<p><a href="#">Centre for Computational Musicology and Computer Music</a></p>	
<p><a href="#">Composites Research Centre</a></p>	
<p><a href="#">Data Communications Security Laboratory</a></p>	
<p><a href="#">Education Media Research Centre</a></p>	
<p><a href="#">Energy and Sustainable Environment</a></p>	
<p><a href="#">Enterprise Research Centre</a></p>	
<p><a href="#">Environmental Research Centre</a></p>	
<p><a href="#">Food Science Research Centre</a></p>	
<p><a href="#">Interaction Design Centre</a></p>	
<p><a href="#">John Holland Research Centre</a></p>	

<a href="#">Localisation Research Centre</a>
<a href="#">MACSI - Mathematics Application Consortium for Science &amp; Industry</a>
<a href="#">Microelectronics and Semiconductor Research Centre</a>
<a href="#">Mobile and Marine Robotics Research Centre</a>
<a href="#">Optical Fibre Sensors Research Centre</a>
<a href="#">Software Quality Research Laboratory</a>
<a href="#">Telecommunications Research Centre</a>
<a href="#">Wireless Access Research Centre</a>
<b><i>Faculty of Education &amp; Health Sciences</i></b>
<a href="#">Centre for Active Management of Lifelong Ageing</a>
<a href="#">Centre for Pre-Hospital Research</a>
Centre for Social Issues Research
<a href="#">PE PAYS Research Centre</a>
<b><i>Kemmy Business School</i></b>
<a href="#">Centre for Entrepreneurial Studies</a>
<a href="#">Centre for Information and Knowledge Management</a>
<a href="#">International Centre for Sustainable Enterprises</a>
<a href="#">National Centre for Tourism Policy Studies</a>
<b><i>Faculty of Arts, Humanities &amp; Social Sciences</i></b>
<a href="#">Centre for Applied Language Studies</a>
<a href="#">Centre for Criminal Justice</a>
<a href="#">Centre for European Studies</a>
<a href="#">Centre for Irish-German Studies</a>
<a href="#">Irish World Academy of Music and Dance</a>
<a href="#">Ralahine Centre for Utopian Studies</a>

<b>Research Units</b>
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<b><i>Kemmy Business School</i></b>
<a href="#">Employment Relations Research Unit</a>

***Faculty of Education & Health Sciences***

[Biomechanics Research Unit](#)

[Curriculum Development, Evaluation and Policy Research Unit](#)

***Faculty of Science and Engineering***

[Magnetic Research Laboratory](#)