Course options for visiting students

Department of Computer Science

About the department

Computer Science is a very exciting subject to study. The sheer variety of technologies that are available and that keep being invented, and the transformations that they are inducing in all sectors of activity and the well-being of societies, create huge opportunities for graduates. In the latest Research Assessment Exercise, we ranked 11th in the UK for the quality of our research output, with over a quarter of our publications recognised as world leading, and a further half internationally excellent.

You will be taught by world leaders in several areas of research such as Machine Learning (the science of systems that can learn from data), Algorithms, Bioinformatics, Software Language Engineering, Distributed Systems, and Information Security. This means that you will be exposed to the methods and techniques that cutting-edge companies are looking for, to become leaders in their sectors.

Entry requirements

The courses listed below are open to Study Abroad, International Exchange and Erasmus students who study here for a full year, or for Term 2&3 only. Computer Science courses are not available to students who are here for the Autumn Term as exams take place in Term 3 only. Students must have sufficient evidence of previous experience and knowledge as stated in the individual course pre-requisites. Please note that these courses may be adjusted slightly over the coming months which may involve some changes to the course content, learning objectives and summative assessment.

The information contained in the course outlines on the following pages is correct at the time of publication but may be subject to change as part of our policy of continuous improvement and development.

royalholloway.ac.uk/Computer Science
<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>½ or 1 unit</th>
<th>Start date</th>
<th>Course description/pre-requisites</th>
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<tr>
<td>CS2800</td>
<td>Software Engineering</td>
<td>½ unit</td>
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<td>CS2850</td>
<td>Operating Systems</td>
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<td>Databases</td>
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<td>Multi-dimensional Data Processing</td>
<td>½ unit</td>
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<td>Artificial Intelligence</td>
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<tr>
<td>IY2760</td>
<td>Introduction to Information Security</td>
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<td>IY2840</td>
<td>Computer and Network Security</td>
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<td>IT Project Management</td>
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<tr>
<td>CS3110</td>
<td>Bioinformatics</td>
<td>½ unit</td>
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<td>CS3490</td>
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