

This module introduces to the concepts of Information Retrieval (IR). Students will encounter various techniques used in IR and means of evaluating their performance. They will also gain an exposure to the practical design of large-scale IR systems that are commonly used in the web search domain. Students are encouraged to reflect on the tradeoffs inherent in the choice of any IR strategy, in addition to the analysis of the findings of diverse evaluation metrics. Beyond the traditional IR mechanisms and strategies, focus will also be on modern applications and aspects of IR research.

Curricular information is subject to change

What will I learn?

Learning Outcomes:

Upon successful completion of this module, students should be able to contrast individual IR algorithms; implement various IR strategies; compare the performance of IR techniques through the use of evaluation metrics; describe and implement the various search strategies employed by commercial search engines; and demonstrate an understanding of modern challenges in the IR research domain.

How will I learn?

Student Effort Hours:

Student Effort Type	Hours
Lectures	30
Practical	24
Autonomous Student Learning	74
Total	128

Am I eligible to take this module?

Requirements, Exclusions and Recommendations

Not applicable to this module.

Module Requisites and Incompatibles

Not applicable to this module.

How will I be assessed?

Assessment Strategy

Description	Timing	Open Book Exam	Component Scale	Must Pass Component	% of Final Grade
Continuous Assessment: MCQs & Programming Assignment & Learning Journal	Varies over the Trimester	n/a	Graded	No	100

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<div class="col-sm-6">Carry forward of passed components

No</div>

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What happens if I fail?

Resit In	Terminal Exam
Summer	Yes - 2 Hour

Assessment feedback

<div class="subHeadCB">Feedback Strategy/Strategies</div>

<p>* Group/class feedback, post-assessment

* Self-assessment activities

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<div class="subHeadCB">How will my Feedback be Delivered?</div>

<p>Not yet recorded.</p>

Reading List

Associated Staff

Name	Role
Mr Congcong Wang	Tutor

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<h1 class="printOnly"> UCD Course Search

Information Retrieval (COMP3009J) </h1><h3 class="printOnly">Academic Year 2019/2020</h3><p class="printOnly">The information contained in this document is, to the best of our knowledge, true and accurate at the time of publication, and is solely for informational purposes.

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<h4 class="noPrint">Information Retrieval (COMP3009J)</h4>

<dl>

<dt>Subject:</dt>

<dd>Computer Science</dd>

<dt>College:</dt>

<dd>Science</dd>

<dt>School:</dt>

<dd>Computer Science</dd>

<dt>Level:</dt>

<dd>3 (Degree)</dd>

<dt>Credits:</dt>

<dd>5.0</dd>

<dt>Trimester:</dt>

<dd>Spring</dd>

<dt>Module Coordinator:</dt>

<dd>Dr David Lillis</dd>

<dt>Mode of Delivery:</dt>

<dd>Face-to-Face</dd>

<dt>Internship Module:</dt><dd>No</dd>

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<dt>How will I be graded?</dt>
<dd>Letter grades </dd>

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Page</button>
<span style="font-size:0.8em"><em>(<a href="https://www.google.com/chrome/" target="_blank">Google Chrome</a> is recommended when printing
this page)</em></span></div>

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