Computer Science

CS 510  **Advanced Information Retrieval**  credit: 4 hours.
Advanced concepts, models, and algorithms in information retrieval and major recent developments in the field, including historical
milestones in information retrieval research, evaluation methodology, vector space retrieval model, probabilistic retrieval models,
learning to rank algorithms, probabilistic topic models, information retrieval systems, text analytics, and topics of research frontiers in
information retrieval. 4 graduate hours. No professional credit. Prerequisite: One of CS 410, CS 412, CS 446 or LING 406.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>67827</td>
<td>Lecture</td>
<td>A1</td>
<td>11:00 AM - 12:15 PM</td>
<td>TR</td>
<td>1404 - Siebel Center for Comp Sci</td>
<td>Zhai, C</td>
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Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.