### Computer Science

**CS 591  Advanced Seminar**  credit: 0 TO 4 hours.
Seminar on topics of current interest as announced in the Class Schedule. Approved for S/U grading only. May be repeated in the same or separate terms if topics vary. Prerequisite: As specified for each topic offering, see Class Schedule or departmental course description.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>31625</td>
<td>Lecture-Discussion</td>
<td>ACT</td>
<td>ARRANGED -</td>
<td></td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Adve, V</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Garzaran, M</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Padua, D</td>
</tr>
<tr>
<td></td>
<td>Credit Hours: 1 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31641</td>
<td>Lecture-Discussion</td>
<td>BIO</td>
<td>ARRANGED -</td>
<td></td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Schatz, B</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sinha, S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Zhai, C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Zhong, S</td>
</tr>
<tr>
<td></td>
<td>Credit Hours: 1 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Topic: Advanced Seminar on Biomedical Informatics.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31650</td>
<td>Lecture-Discussion</td>
<td>CLD</td>
<td>ARRANGED -</td>
<td></td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Campbell, R</td>
</tr>
<tr>
<td></td>
<td>Credit Hours: 1 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31655</td>
<td>Lecture-Discussion</td>
<td>CXZ</td>
<td>ARRANGED -</td>
<td></td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Zhai, C</td>
</tr>
<tr>
<td></td>
<td>Credit Hours: 1 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Topic: Advanced Topics in Information Retrieval.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31623</td>
<td>Lecture</td>
<td>DCS</td>
<td>04:00 PM - 04:50 PM</td>
<td>M</td>
<td>1404 - Siebel Center for Comp Sci</td>
<td>Chekuri, C</td>
</tr>
<tr>
<td></td>
<td>Credit Hours: 1 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Topic: Department of CS Research Seminar.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31637</td>
<td>Lecture-Discussion</td>
<td>GFX</td>
<td>ARRANGED -</td>
<td></td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Hart, J</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Yu, Y</td>
</tr>
<tr>
<td></td>
<td>Credit Hours: 1 hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Topic: Research Topics in Computer Graphics.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40247</td>
<td>Lecture-Discussion</td>
<td>HAN</td>
<td>ARRANGED -</td>
<td></td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Han, J</td>
</tr>
<tr>
<td>Course Code</td>
<td>Type</td>
<td>Title</td>
<td>Lecturer(s)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>---------------</td>
<td>--------------------------------------------</td>
<td>---------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31628</td>
<td>Lecture-Discussion</td>
<td>Advanced Seminar on Data Mining. Prerequisite: One or more of the following courses - CS 412, CS 512, CS 446 or CS 411 or some related CS or statistics courses, or with a good background on data mining, statistics, machine learning and database systems.</td>
<td>Karahalios, K</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40248</td>
<td>Lecture-Discussion</td>
<td>Seminar in Human-Computer Interaction.</td>
<td>Gupta, I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31640</td>
<td>Lecture-Discussion</td>
<td>Advanced Seminar in Distributed Systems. Prerequisite: CS 425 or CS 598 IG or basic distributed systems knowledge.</td>
<td>Hart, J</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>41587</td>
<td>Lecture-Discussion</td>
<td>Shape Modeling.</td>
<td>Karahalios, K</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31644</td>
<td>Lecture-Discussion</td>
<td>Social Computing</td>
<td>Heath, M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31659</td>
<td>Lecture-Discussion</td>
<td>Scientific and Parallel Computing.</td>
<td>Winslett, M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31652</td>
<td>Lecture-Discussion</td>
<td>Yahoo!-DAIS seminar.</td>
<td>Hockenmaier, J Roth, D</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31630</td>
<td>Lecture-Discussion</td>
<td>Natural Language Processing.</td>
<td>Campbell, R</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Lecture-Discussion</td>
<td>Time</td>
<td>Location</td>
<td>Instructors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>--------------------</td>
<td>---------</td>
<td>--------------</td>
<td>------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31634</td>
<td>SE</td>
<td>ARRANGED</td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Johnson, R Marinov, D</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>44443</td>
<td>SN</td>
<td>04:00 PM - 04:50 PM</td>
<td>1105 - Siebel Center for Comp Sci</td>
<td>Gupta, I Kravets, R Nahrstedt, K Vaidya, N</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Credit Hours: 1 hours