## 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>35941</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>Misailovic, S</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Padua, D</td>
</tr>
</tbody>
</table>

### Credit Hours: 1 hours
Advanced Compiler Technology
Restricted to Graduate - Urbana-Champaign.
Restricted to Computer Science or Bioinformatics major(s).
Topic: Advanced Compiler Technology. Prerequisite: CS 426.

<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>35943</td>
<td>Lecture-Discussion</td>
<td>CCR</td>
<td>05:00 PM - 06:20 PM</td>
<td>W</td>
<td>1304 - Siebel Center for Comp Sci</td>
<td>Campbell, R</td>
</tr>
</tbody>
</table>

### Credit Hours: 1 hours
Cloud Computing Research
Restricted to Graduate - Urbana-Champaign.
Restricted to Computer Science or Bioinformatics major(s).
Topic: Cloud Computing Research.

<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>46417</td>
<td>Lecture-Discussion</td>
<td>FM</td>
<td>03:30 PM - 04:20 PM</td>
<td>F</td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Gunter, E</td>
</tr>
</tbody>
</table>

### Credit Hours: 1 hours
Formal Methods Seminar
Restricted to Graduate - Urbana-Champaign.
Restricted to Computer Science or Bioinformatics major(s).

<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>35974</td>
<td>Lecture-Discussion</td>
<td>HCI</td>
<td>11:00 AM - 11:50 AM</td>
<td>T</td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Kirlik, A</td>
</tr>
</tbody>
</table>

### Credit Hours: 1 hours
Human-Computer Interaction
Restricted to Graduate - Urbana-Champaign.
Restricted to Computer Science or Bioinformatics major(s).
Topic: Seminar in Human-Computer Interaction. Undergrad student must have permission of the instructor to register. This seminar will meet in 4405 SC.

<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>43828</td>
<td>Lecture-Discussion</td>
<td>IG</td>
<td>05:00 PM - 05:50 PM</td>
<td>R</td>
<td>-</td>
<td>Gupta, I</td>
</tr>
</tbody>
</table>

### Credit Hours: 1 hours
Distributed Systems Seminar
Restricted to Graduate - Urbana-Champaign.
Instructor Approval Required
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Section</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35957</td>
<td>Lecture-Discussion</td>
<td>MH</td>
<td>1 hours</td>
<td>ARRANGED</td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Olson, L</td>
</tr>
</tbody>
</table>

**Advanced Seminar in Distributed Systems**
Restrict to Computer Science or Bioinformatics major(s).
Topic: Advanced Seminar in Distributed Systems. Prerequisite: CS 598IG or CS 425 or any basic course on distributed systems.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Section</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>41977</td>
<td>Lecture</td>
<td>PHD</td>
<td>1 hours</td>
<td>11:00 AM - 11:50 AM</td>
<td>M 0216 - Siebel Center for Comp Sci</td>
<td>Bailey, B</td>
</tr>
</tbody>
</table>

**Scientific Computing Seminar**
Restricted to Graduate - Urbana-Champaign.
Restricted to Computer Science or Bioinformatics major(s).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Section</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>41614</td>
<td>Lecture-Discussion</td>
<td>RHC</td>
<td>1 hours</td>
<td>ARRANGED</td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Campbell, R</td>
</tr>
</tbody>
</table>

**PHD Orientation Seminar**
Restricted to Graduate - Urbana-Champaign.
Restricted to Computer Science major(s).
Topic: Orientation for new PhD students.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Section</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>49716</td>
<td>Lecture-Discussion</td>
<td>SE</td>
<td>1 hours</td>
<td>ARRANGED</td>
<td>ARR - Siebel Center for Comp Sci</td>
<td>Marinov, D Xie, T</td>
</tr>
</tbody>
</table>

**Security Reading Seminar**
Restricted to Graduate - Urbana-Champaign.
Restricted to Computer Science or Bioinformatics major(s).
Topic: Security Reading Seminar. Prerequisite: A prior course in security or CS423 or consent of instructor.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Section</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35986</td>
<td>Lecture-Discussion</td>
<td>TA</td>
<td>1 hours</td>
<td>11:00 AM - 11:50 AM</td>
<td>F 1404 - Siebel Center for Comp Sci</td>
<td>Beckman, A Chen, Y</td>
</tr>
</tbody>
</table>

**Teaching Assistant Training**
Restricted to Graduate - Urbana-Champaign.
Restricted to Computer Science or Bioinformatics major(s).
Topic: TA Seminar; Teaching Assistant Training.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Section</th>
<th>Credits</th>
<th>Time</th>
<th>Location</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>67467</td>
<td>Discussion/Recitation</td>
<td>TXT</td>
<td>2 hours</td>
<td>ARRANGED</td>
<td>-</td>
<td>Zhai, C</td>
</tr>
</tbody>
</table>

**Text Mining Seminar**

---

page 2 - Computer Science, Fall 2019
Topic: Text Information Management and Analysis

Text data are rich in semantic content and often contain valuable information such as human opinions and preferences. They play an important role in all big data applications. Text mining is the process of converting big unstructured text data into actionable knowledge to support user tasks and decision making. CS 591txt is a seminar on current topics in the text mining field, which is closely related to data mining, natural language processing, information retrieval, and machine learning. Students will read, discuss, and analyze the latest research in text mining techniques and applications.