# Computer Science

**CS 473  ** **Algorithms**  credit: 3 OR 4 hours.  
(C S 373) Advanced data structures, graph algorithms, arithmetic algorithms, geometric algorithms, string problems, parallel algorithms, NP-completeness. Same as CSE 414 and MATH 473. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: CS 225 and CS 273; or consent of instructor.

<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>31552</td>
<td>Lecture-Discussion</td>
<td>GR3</td>
<td>11:00 AM - 12:15 PM</td>
<td>TR</td>
<td>1302 - Siebel Center for Comp Sci</td>
<td>Ramos, E</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours  
Restricted to Graduate - Urbana-Champaign.

| 31558 | Lecture-Discussion | GR4     | 11:00 AM - 12:15 PM | TR   | 1302 - Siebel Center for Comp Sci | Ramos, E   |

Credit Hours: 4 hours  
Restricted to Graduate - Urbana-Champaign.

| 31457 | Lecture-Discussion | UG3     | 11:00 AM - 12:15 PM | TR   | 1404 - Siebel Center for Comp Sci | Har-Peled, S |

Credit Hours: 3 hours