Computer Science

CS 466  **Introduction to Bioinformatics**  credit: 3 OR 4 hours.
Algorithmic approaches in bioinformatics: (i) biological problems that can be solved computationally (e.g., discovering genes, and interactions among different genes and proteins); (ii) algorithmic techniques with wide applicability in solving these problems (e.g., dynamic programming and probabilistic methods); (iii) practical issues in translating the basic algorithmic ideas into accurate and efficient tools that biologists may use. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: CS 225.

<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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</thead>
<tbody>
<tr>
<td>54552</td>
<td>Lecture-Discussion</td>
<td>B3</td>
<td>03:30 PM - 04:45 PM</td>
<td>TR</td>
<td>1103 - Siebel Center for Comp Sci</td>
<td>Sinha, S</td>
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</tbody>
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Credit Hours: 3 hours

| 54553| Lecture-Discussion       | B4      | 03:30 PM - 04:45 PM | TR   | 1103 - Siebel Center for Comp Sci | Sinha, S   |

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