Class Schedule - Spring 2019

Computer Science

CS 411  **Database Systems**  credit: 3 OR 4 hours.
Examination of the logical organization of databases: the entity-relationship model; the hierarchical, network, and relational data models and their languages. Functional dependencies and normal forms. Design, implementation, and optimization of query languages; security and integrity; concurrency control, and distributed database systems. 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>
</tr>
</thead>
<tbody>
<tr>
<td>69921</td>
<td>Online</td>
<td>CPF</td>
<td>ARRANGED -</td>
<td>-</td>
<td></td>
<td>Chang, K</td>
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</tbody>
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|      | Credit Hours: 4 hours
| 69453| Online         | CPS     | ARRANGED -   | -    |                           | Chang, K   |
|      | Credit Hours: 3 hours
Restricted to O/C Engineering City Scholars students.
| 67992| Online         | DSO     | ARRANGED -   | -    |                           | Chang, K   |
|      | Credit Hours: 4 hours
Restricted to MCS:Computer Sci Online -UIUC or NDEG:Computer Science Onl-UIUC.
This course is only for students that are in the Computer Science MCS-DS Program. Additional Coursera ID verification and ProctorU fees may apply.
| 31352| Lecture-Discussion | N3     | 02:00 PM - 03:15 PM | TR   | 2079 - Natural History Building | Alawini, A |
|      | Credit Hours: 3 hours
For up-to-date information about CS course restrictions, please see the following link: http://go.cs.illinois.edu/CSregister
| 31355| Lecture-Discussion | N4     | 02:00 PM - 03:15 PM | TR   | 2079 - Natural History Building | Alawini, A |
|      | Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
For up-to-date information about CS course restrictions, please see the following link: http://go.cs.illinois.edu/CSregister
| 40658| Online         | ONL     | ARRANGED -   | -    |                           | Chang, K   |
|      | Credit Hours: 4 hours
Restricted to MCS:Computer Sci Online -UIUC.
Restricted to CS online MCS Students. ProctorU and other fees may apply.
| 69361| Lecture-Discussion | P3     | 03:30 PM - 04:45 PM | MW   | 0216 - Siebel Center for Comp Sci | Chang, K   |
|      | Credit Hours: 3 hours
For up-to-date information about CS course restrictions, please see the following link: http://go.cs.illinois.edu/CSregister
| 69362| Lecture-Discussion | P4     | 03:30 PM - 04:45 PM | MW   | 0216 - Siebel Center for Comp Sci | Chang, K   |
Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
For up-to-date information about CS course restrictions, please see the following link: http://go.cs.illinois.edu/CSregister