CS 512  **Data Mining Principles**  credit: 4 hours.
An advanced course on principles and algorithms of data mining. Data cleaning and integration; descriptive and predictive mining; mining frequent, sequential, and structured patterns; clustering, outlier analysis and fraud detection; stream data, web, text, and biomedical data mining; security and privacy in data mining; research frontiers. Prerequisite: CS 412.

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<th>Location</th>
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<td>31604</td>
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<td>F</td>
<td>09:30 AM - 10:45 AM</td>
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<td>1109 - Siebel Center for Comp Sci</td>
<td>Han, J</td>
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Credit Hours: 4 hours

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Online
Restricted to MCS:Computer Sci Online -UIUC, MS:Mechanical Engineerng -UIUC, or NDEG:Grad Nondegree-CE-UIUC. Restricted to online non-degree, online MCS, and online MSME students. Academic Outreach restrictions and assessments apply, see [http://www.outreach.uiuc.edu](http://www.outreach.uiuc.edu). For more details on this course section, please see [http://online.engineering.illinois.edu/descriptions/spring2011.htm](http://online.engineering.illinois.edu/descriptions/spring2011.htm)

OCE Tuition $925.00 per Bill Hour, and OCE Fees $50.00 per Bill Hour.