ECE 398  Special Topics in ECE  credit: 0 TO 4 hours.
Subject offerings of new and developing areas of knowledge in electrical and computer engineering intended to augment the existing curriculum. See Class Schedule or departmental course information for topics and prerequisites. Approved for both letter and S/U grading. May be repeated in the same or separate terms if topics vary.

<table>
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<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| 60913| Lecture   | BD      | 09:00 AM - 09:50 AM | MWF  | 106B8 - Engineering Hall | Do, M
      Hwu, W
      Kamalabadi, F
      Kudeki, E
      Makela, J
      Milenkovic, O
      Moulin, P
      Viswanath, P |

Credit Hours: 3 hours
Making Sense of Big Data
Restricted to students with Junior or Senior class standing. Not intended for Graduate - Urbana-Champaign.
Big Data is all around us. Petabytes of data is collected by Google and Facebook. 24 hours of video is uploaded on Youtube every minute. Making sense of all this data in the relevant context is a critical question. This course takes a holistic view towards understanding how this data is collected, represented and stored, retrieved and computed/analyzed upon to finally arrive at appropriate outcomes for the underlying context. The course is based around four "stories", drawn from diverse areas of engineering. Prerequisites: ECE 313 (or campus equivalent on basic undergrad probability) and some basic linear algebra. General mathematical maturity expected of engineering undergraduates. Target Audience: Juniors or Seniors