

## **C5: Information Systems**

At the heart of information age are the Information Systems: Systems that acquire, process, store and communicate information. Research in Information Systems cuts across a broad range of science and engineering disciplines including ECE, computer science and mathematics. At ECE@UNM, research is focused on some of the most important aspects of current and emerging information systems such as information security, information architecture, usage control, Big Data, cyber-physical systems, machine learning, cognitive radios, smart-grid, and theory of information.

**Area Chair:** Prof. Greg Heileman (<http://www.ece.unm.edu/faculty/heileman/>)

### **Faculty Members:**

Prof. Sudharman K. Jayaweera (<http://www.ece.unm.edu/~jayaweera/>)

Prof. Manel Martinez Ramon ([http://www.ece.unm.edu/faculty\\_Staff/Manel.html](http://www.ece.unm.edu/faculty_Staff/Manel.html))

### **Major core courses:**

**List A:** Select at-least two core courses from: ECE 520, ECE 533, ECE 536, ECE 537, ECE 538, ECE 540, ECE 549.

**List B:** Select at-most one core course from: ECE 506, ECE 510, ECE 512, ECE 516, ECE 517, ECE 522, ECE 539, ECE 541, ECE 542, ECE 633.