Signal and Image Processing

Prerequisite
(R) Recommended
(S) Selective

1st semester - Spring

(R) EE441 Applied Linear Algebra For Engineering
(R) EE483 Introduction to Digital Signal Processing
(S) EE566 Optical Information Processing
(S) EE669 Multimedia Data Compression
(S) EE619 Advanced Topics in Automatic Speech Recognition

2nd semester - Fall

EE52a Random Processes in Engineering
EE596 Wavelets
EE519 Speech Recognition and Processing for Multimedia
EE591 Magnetic Resonance Imaging and Reconstruction
(S) EE569 Introduction to Digital Image Processing

3rd semester - Spring

EE585 Linear System Theory
EE562b Random Processes in Engineering
EE559 Mathematical Pattern Recognition
EE583 Adaptive Signal Processing
EE586L Advanced DSP Design Laboratory

(S) EE566 Optical Information Processing
(S) EE669 Multimedia Data Compression
(S) EE619 Advanced Topics in Automatic Speech Recognition