

CERTIFICATE IN SIGNAL PROCESSING

Those seeking expertise in the areas of signal and image processing should take this program, which offers a wide range of advanced courses in the areas of digital signal processing, data compression, image and speech processing, and pattern recognition.

Gainful Employment Disclosure for Certificate in Signal Processing

Curriculum

Required Courses		(6)
ECE 511	Analysis of Random Signals	3
ECE 569	Digital Signal Processing II	3
Elective Courses		(6-7)
Select a minimum of two courses from the following: ¹		6-7
ECE 436	Digital Signal Processing I with Laboratory	4
ECE 437	Digital Signal Processing I	3
ECE 481	Image Processing	3
ECE 507	Imaging Theory & Applications	3
ECE 508	Video Communications	3
ECE 565	Computer Vision and Image Processing	3
ECE 566	Statistical Pattern Recognition	3
ECE 567	Statistical Signal Processing	3
ECE 568	Digital Speech Processing	3
ECE 584	VLSI Architecture for Signal Processing and Communication Systems	3
Total Credit Hours		12-13

¹ No more than one selection may be a 400-level course.