

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

Code	Title	Credit Hours
Required Courses		(6)
ECE 511	Analysis 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 Pcsgr w/Lab	4
ECE 437	Digital Signal Processing I	3
ECE 481	Image Processing	3
ECE 507	Imaging Theory & Applications	3
ECE 508	Video Processing & Comm	3
ECE 565	Compt Vision Image Processing	3
ECE 566	Statistical Pattern Rcgntn	3
ECE 567	Statistical Signal Processing	3
ECE 568	Digital Speech Processing	3
ECE 584	VLSI Archs Sgnl Prcs Commnctns	3
Total Credit Hours		12-13

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