

M.S. / Ph.D. Degree Planner: Signal and Image Processing (EC82)

COURSE REQUIREMENTS

Core Coursework (sixteen units)

ECE 250	Random Processes
ECE 251 A	Digital Signal Processing I
ECE 251 C	Filter Banks and Wavelets
ECE 253	Fundamentals of Digital Image Processing

Core Courses	
	ECE 250
	ECE 251 A
	ECE 251 C
	ECE 253
Total: 16 Units	

Select three additional courses (twelve units) from the following

ECE 251 B	Digital Signal Processing II
ECE 251 D	Array Processing
ECE 252 A	Speech Compression
ECE 252 B	Speech Recognition
ECE 254	Detection Theory
ECE 255 A	Information Theory
ECE 255 B	Source Coding I
ECE 271 A-B	Statistical Learning I and II
ECE 273	Convex Optimization and Applications
ECE 275 A-B	Parameter Estimation I and II

Additional Courses	
Total: 12 Units	

Technical Electives (twenty units)

- Any 4 unit, 200+ course from ECE, CSE, MAE, BENG, CENG, NANO, SE, MATS MATH or PHYS taken for a letter grade may be counted. Exceptions to this list require departmental approval.
- Up to 12 units of undergraduate ECE coursework (ECE 111+ only) may be counted
- M.S. Students (Plan II) are allowed no more than 4 units of 299 as technical electives. Ph.D. and M.S. Students (Plan I) are allowed no more than 8 units of 299 as technical electives.

Technical Electives	
Total: 20 Units	

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Advisor's Signature

Date

Student Name

PID