

Master of Science in Electrical Engineering (MSEE) Record Check

Initial Check; submit with Application for Admission to Candidacy^{1,2}:

Final Record Check; submit with Committee for Final Examination^{1,2,3}:

¹ The GPA of courses that make up the graduate degree must be 3.0 or higher.

² Only grades of A, B, C, or S count toward an MSEE.

³ For thesis and technical reports, submit to the Department Head a 1-page abstract. Include the date, time, and place of the final oral exam.

Banner
ID Num: _____

Print Student Name: _____

Table 1: Undergraduate Deficiencies¹

¹ Applies only to students without BSEE degree, or equivalent.

Undergraduate Deficiency Course	Equivalent Course at Another Institution or Work Experience or Advanced Coursework	OR Grade at NMSU
EE111 Intro to Elect. Comp. Eng.		
EE161 Computer-Aided Solving		
EE211 AC Circuits		
EE321 Electronics I		
EE261 Digital Design I		
EE311 Signals and Systems		
EE315 Applied EMAG		
EE341 Control Systems I		

Table 2: Three Graduate Core Courses from Three Different Areas

Area of Specialization	Graduate Core Course	Grade
Microelectronics/VLSI	EE523 Analog VLSI Design	
Communications	EE571 Random Signal Analysis	
Computer Engineering	EE563 Computer Performance Analysis	
Control Systems	EE551 Control Systems Synthesis I	
Digital Signal Processing	EE545 Digital Signal Processing	
Electric Energy Systems	EE543 Power Systems III	
Electromagnetics	EE515 Electromagnetic Theory I	
Photonics	EE577 Fourier Methods in Electro-Optics	
OR	EE528 Optical Sources, Detectors & Radiometry	

Table 3: One Graduate Breadth Course from a Third Area may substitute for one Core Course for students not pursuing a PhD

Area of Specialization	Graduate Core Course	Grade
Microelectronics/VLSI	EE524 Digital VLSI Circuit Design	
Communications	EE585 Telemetry Systems	
Computer Engineering	EE564 Advanced Computer Architecture I	
Control Systems	EE555 Advanced Linear Systems	
Digital Signal Processing	EE555 Advanced Linear Systems	
Electric Energy Systems	EE537 Power Electronics	
Electromagnetics	EE541 Antennas and Radiation	
Photonics	N/A	

Check One Box for MSEE Option:

Thesis Option: Technical Report Option: Coursework Only:

Table 4: Thesis or Technical Report Credits ¹

¹ If MS option is coursework only, skip this table entirely.

² If MS option is tech report, 3 credits of tech report are required.

³ If MS option is thesis, 6 thesis credits are required.

Total Number of EE598 Tech Report Credits ²	
Total Number of EE599 Thesis Credits ³	

Table 5: Total Graduate Credits (**Exclude Technical Report and Thesis Credits**)

¹ If MS option is thesis, 24 graduate credits (exclude thesis credits) are required.

² If MS option is tech report, 27 graduate credits (exclude tech report) are required.

³ If MS option is coursework only, 30 graduate credits are required.

⁴ At least half of graduate credits must be taken in the Klipsch School (EE).

⁵ At least 15 credits must be numbered 500 or above.

⁶ At most 12 credits may be transferred from another institution.

⁷ EE590 credits that are not listed as regular courses in the schedule are limited to 6. The total number of EE590 credits is limited to 9.

⁸ Exclude credits from EE490, CS457/467/477/487, BCS472, COMM485, SPCD470/SPCD 490, and ENGL572.

⁹ At least half of the coursework credits must be taken with other than a single professor.

¹⁰ If a student began the MSEE program prior to 2003 and did not complete the core, 30 credits are required for the tech report option and 36 credits for the coursework option.

Total Number of Credits for all Courses Numbered 450 and above ^{1,2,3,8,9,10}	
Total Number of Credits for all EE Courses Numbered 450 and above ^{4,8}	
Total Number of Credits for all Courses Numbered 500 and above ⁵	
Total Number of Credits transferred from Other Institutions ⁶	
Total Number of Credits of EE590 ⁷	

Cumulative Number of Semesters as TA ^{1,2} in ECE Dept: _____

Cumulative Number of Semesters as RA ^{1,2} in ECE Dept: _____

¹ If you were **both** a TA and RA in one semester, count semester as a TA only.

² Do not include summer support in the form of a TA or RA.

Student Signature: _____ Date: _____

Advisor Name (Printed): _____

Advisor Signature: _____ Date: _____

Dept. Head Signature: _____ Date: _____