

Electrical Engineering, M.S.

This degree requires a minimum of 30 semester credit hours.

Thesis Option

Code	Title	Semester Credit Hours
Thesis Requirement		
EEEN 5306	Thesis	3
EEEN 5306	Thesis	3
Approved Electives ¹		24
Select 24 hours from the following:		
EEEN 5303	Advanced Topics in Elec Eng	
EEEN 5304	Adv Computer Architecture	
EEEN 5305	Graduate Research Project	
EEEN 5321	Digital Computer Design	
EEEN 5326	Dynamic Systems I	
EEEN 5330	Rapid Prototyping ASIC Design	
EEEN 5331	Digital Signal Processing	
EEEN 5333	Prin of VLSI Circuit Design	
EEEN 5337	Digital Image Processing	
EEEN 5338	Digital and DSP Based Control	
EEEN 5339	Embedded System Design	
EEEN 5340	Speech Processing	
EEEN 5341	Advanced Integrated Circuits	
EEEN 5350	Neural Networks Application	
EEEN 5401	Advanced Probs in Elec Eng	
EEEN 5329	Adaptive Control	
EEEN 5342	Wireless Communications	
Total Semester Credit Hours		30

¹ Based on the nature of the thesis topic and with approval from the thesis advisor, up to six (6) credit hours of essential non-EEEN coursework may be applied toward the elective requirement under the thesis option.

Course Only Option

Code	Title	Semester Credit Hours
Approved Electives		30
Select 30 hours from the following:		
EEEN 5303	Advanced Topics in Elec Eng	
EEEN 5304	Adv Computer Architecture	
EEEN 5305	Graduate Research Project	
EEEN 5321	Digital Computer Design	
EEEN 5326	Dynamic Systems I	
EEEN 5330	Rapid Prototyping ASIC Design	
EEEN 5331	Digital Signal Processing	
EEEN 5333	Prin of VLSI Circuit Design	
EEEN 5337	Digital Image Processing	

EEEN 5338	Digital and DSP Based Control
EEEN 5339	Embedded System Design
EEEN 5340	Speech Processing
EEEN 5341	Advanced Integrated Circuits
EEEN 5350	Neural Networks Application
EEEN 5401	Advanced Probs in Elec Eng
EEEN 5329	Adaptive Control
EEEN 5342	Wireless Communications

Total Semester Credit Hours**30**