

# FIVE-YEAR BS IN COMPUTER ENGINEERING/MS IN ELECTRICAL ENGINEERING

they take as undergraduates. Students not satisfying these requirements will be re-evaluated for continuation in the program.

The 5-year BS in Computer Engineering + MS in Electrical Engineering program provides students with a fast-track Master of Science degree in Electrical Engineering. This program is open to SUNY New Paltz juniors who are in good academic standing and interested in pursuing a Bachelor of Science in Electrical Engineering.

## Admission Requirements

To qualify for the BS in Computer Engineering + MS in Electrical Engineering program, students must have completed the first semester of their junior year in residence at SUNY New Paltz with an overall SUNY New Paltz GPA of at least 3.0.

### To apply, students should:

- Complete the online graduate application via [my.newpaltz.edu](http://my.newpaltz.edu) (major 268)
- Upload an internal New Paltz transcript (they are free for NP students in [my.newpaltz.edu](http://my.newpaltz.edu))
- Provide the contact information for one faculty reference
- \$60 Graduate application fee

## Curriculum Requirements

Accepted students are permitted to enroll in two 500-level graduate courses (six credits). These courses, in addition to satisfying students' bachelor's degree, will count toward their master's degrees. The remaining 24 credits of the master's requirement will be taken in the fifth year of study.

Code	Title	Credits
<b>Engineering Coursework (0 Credits)</b>		15
Working with your advisor, select five Engineering Courses		
<b>Select the Project Option or Thesis Option (0 Credits)</b>		9
Project Option:		
EGE532	Computer Arithmetic	
EGE533	Introduction to Parallel Computing	
EGE534	Fault-Tolerant Design of Digital Systems	
EGE535	Low Power VLSI Design	
EGE536	Computer Architecture	
EGE537	VLSI Design	
EGE543	Antennas and Wave Propagation	
EGE544	Microwave Circuits	
Thesis Option		
EGE590	Thesis in Electrical Engineering	
EGE593	Engineering Selected Topic	

## Program Requirements

Once admitted to the BS/MS program, students must maintain a 3.0 cumulative GPA in all courses through the senior year. In addition, students must earn a B or better in each of the two graduate courses that