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

Five-Year BS in Computer Engineering/MS in Electrical Engineering

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 the link above (major 268)
- Upload an internal New Paltz transcript (they are free for NP students in my.newpaltz.edu)
- Provide the contact information for one faculty reference
- Pay the $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 degrees, 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.

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<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>Engineering Coursework (0 Credits)</td>
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<td>Working with your advisor, select five Engineering Courses</td>
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<th>Select the Project Option or Thesis Option (0 Credits)</th>
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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 they take as undergraduates. Students not satisfying these requirements will be re-evaluated for continuation in the program.