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

Program Overview
Program Coordinator: Damodaran Radhakrishnan, (845) 257-3772, damu@newpaltz.edu
Program ID: 268
Credits: 120 UG + 30 GR
Program Length: The MS can be completed in one additional year of study if enrolled full-time, but students must complete the degree within 7 years.
Modality: In-person
Full-time/Part-time: Full-time or Part-time
Transfer Credits: 6
Capstone: Project or Thesis

Program Description
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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EGE534</td>
<td>Fault-Tolerant Design of Digital Systems</td>
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<tr>
<td>EGE535</td>
<td>Low Power VLSI Design</td>
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<tr>
<td>EGE536</td>
<td>Computer Architecture</td>
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<tr>
<td>EGE537</td>
<td>VLSI Design</td>
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<td>EGE543</td>
<td>Antennas and Wave Propagation</td>
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<td>EGE544</td>
<td>Microwave Circuits</td>
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<tr>
<td>EGE590</td>
<td>Thesis in Electrical Engineering</td>
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<tr>
<td>EGE593</td>
<td>Engineering Selected Topic</td>
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Total Credits: 24

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.

Academic Standing Requirements for Bachelor’s/Master’s Students
A cumulative GPA of less than 3.0 in graduate-level courses taken in the undergraduate portion of a 4+1 program precludes the student’s good standing. Students with GPA of 2.75 to 2.99 strongly advised to reconsider continuing into GR program. Students below 2.75 may not continue and will be de-matriculated from GR program.