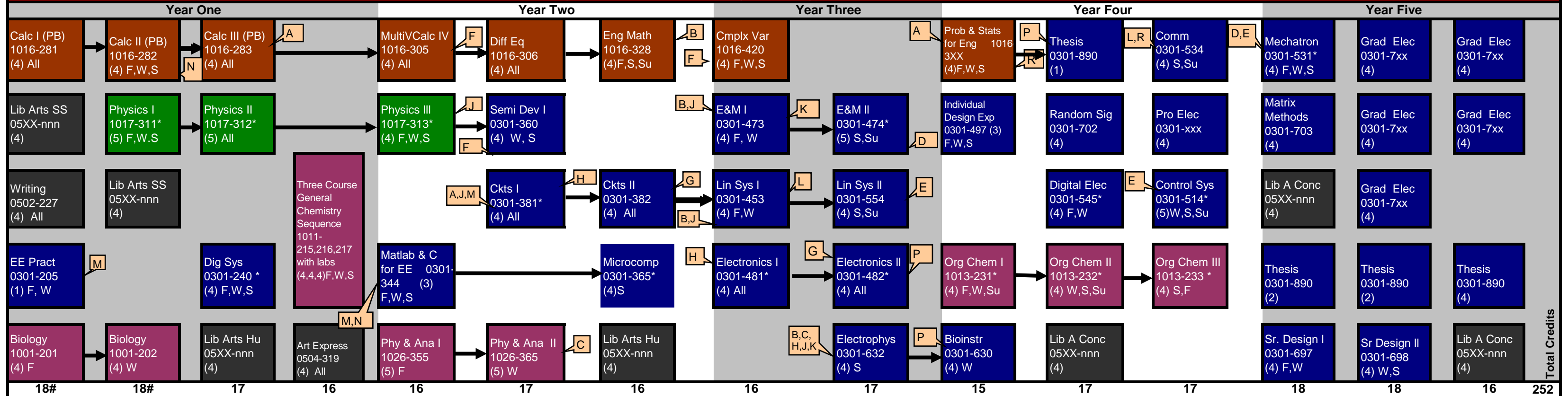


2009-2010 RIT BS/MS Program in Electrical Engineering with PreMed Emphasis (Final Release 6/30/2009)



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BS/MS EE PreMed Biomedical Program Highlights:
Professional Electives from other departments can be taken with approval of Faculty Advisor.

<p>Legend</p> <ul style="list-style-type: none"> Math Physics Chemistry Liberal Arts Elect Engr Free Elect Comp Science Res Science <p>Course Name Course # (Cr) Quarters- * Indicates lab included</p> <p>Prerequisites Definitions</p> <p> Course Prerequisites</p> <p> Prerequisite</p>	<p>This program prepares the student for a career in electrical engineering and/or medical science. Upon successful completion of this program of study the student will receive a BS and MS degree in Electrical Engineering and be prepared to apply to medical school. This is a rigorous program and the student must maintain a very high academic standing to be eligible for admission to medical school. Students must meet with an advisor in PreMed Advising to understand the program requirements</p> <p>Students must achieve a GPA greater than 3.4 at the end of the second year of academic study to apply to the BS/MS EE program.</p> <p>Graduate Paper Option Students who choose to complete the Graduate Paper Option must take an additional graduate course.</p> <p>Senior Design Project 0301-697 and 698 are required. Senior Design Project may be undertaken in any of the interest areas.</p> <p>Professional Elective 4 Quarter Credits One 600 level Electrical Engineering Course from the following 0301-631 Biomedical Sensors and Transducers I* (W) 0301-633 Biomedical Signal Processing*</p> <p>Graduate Electives 20 Quarter Credits Five 700-level Electrical Engineering Courses or 700 level courses approved by advisor</p> <p style="text-align: center;">www.rit.edu/~premdwww/handbook.shtml</p>	<p>Cooperative Work Experience: <u>Four Coop quarters distributed as suggested</u></p> <p>PE Activities (2)</p> <p>Liberal Arts Core</p> <p>Social Science Courses Choose two courses, one from each of two different areas: 1) 0514-210 Intro to Psychology 2) 0511-211 Principles of Microeconomics 3) 0513-211 American Politics OR 0513-214 Intro to International Relations 4) 0515-210 Foundations of Sociology 5) 0510-210 Cultural Anthropology</p> <p>Liberal Arts Concentration 12 Quarter Credits</p> <p>24 Quarter Credits</p> <p>Humanities Courses Choose two courses, one from each of two different areas: 1) 0507-301 American History 0507-302 Modern European History 0507-305 Special Topics History 0507-306 Special Topics European History 2) 0505-213 Visual Arts 0505-214 Musical Arts 0505-215 Film Arts 0505-216 Theater Arts 3) 0509-210 Intro. To Philosophy 0509-211 Ethics 0509-213 Critical Thinking 0509-217 Ethics in the Info Age 4) 0504-210 Literary & Cultural Studies 0508-211 Science, Tech & Values 0508-212 Intro to Environmental Studies</p> <p># Credit hours include 1 additional credit for First Year Enrichment</p>
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