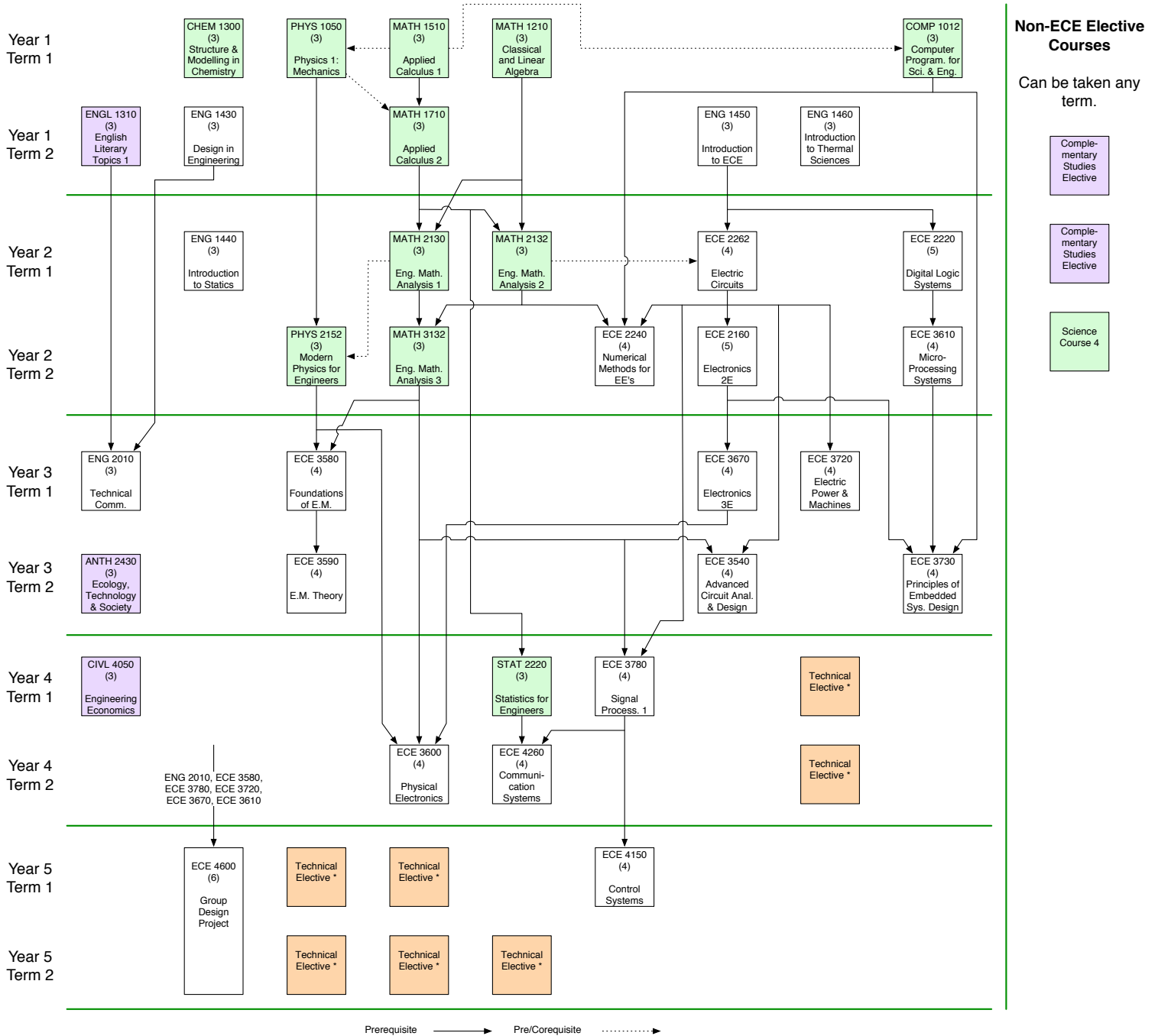


2011-2012 Electrical Engineering Course Flow Chart 5 year program



Technical Electives (Fall Term)

ECE 4240 (4) Microprocessor Interfacing (ECE 3610)
 ECE 4270 (4) Antennas (ECE 3590)
 ECE 4290 (4) Microwave Engineering (ECE 3590)
 ECE 4300 (4) Electrical Energy Systems 1 (ECE 3650)
 ECE 4370 (4) Power Electronics (ECE 3650/3670)
 ECE 4390 (4) Engineering Computations 4E (MATH 3132)
 ECE 4540 (4) Wireless Networks (ECE 3700, ECE 3780)
 ECE 4610 (4) Biomedical Instrumentation & Signal Processing (ECE 3780, ECE 2160)
 ECE 4740 (4) Digital System Implementation (ECE 4240)
 ECE 4830 (4) Signal Processing 2 (ECE 3780)

Not Offered 2011 - 2012

ECE 4100 (4) Microelectronic Fabrication (ECE 3670)
 ECE 4140 (4) Power T-Lines (ECE 3720)
 ECE 4200 (4) Electric Filter Design (ECE 3540)
 ECE 4530 (4) Parallel Processing (COMP 2140, ECE 3760)
 ECE 4850 (4) Performance Evaluation for Communications and Computer Eng. (STAT 2220)

Technical Electives (Spring Term)

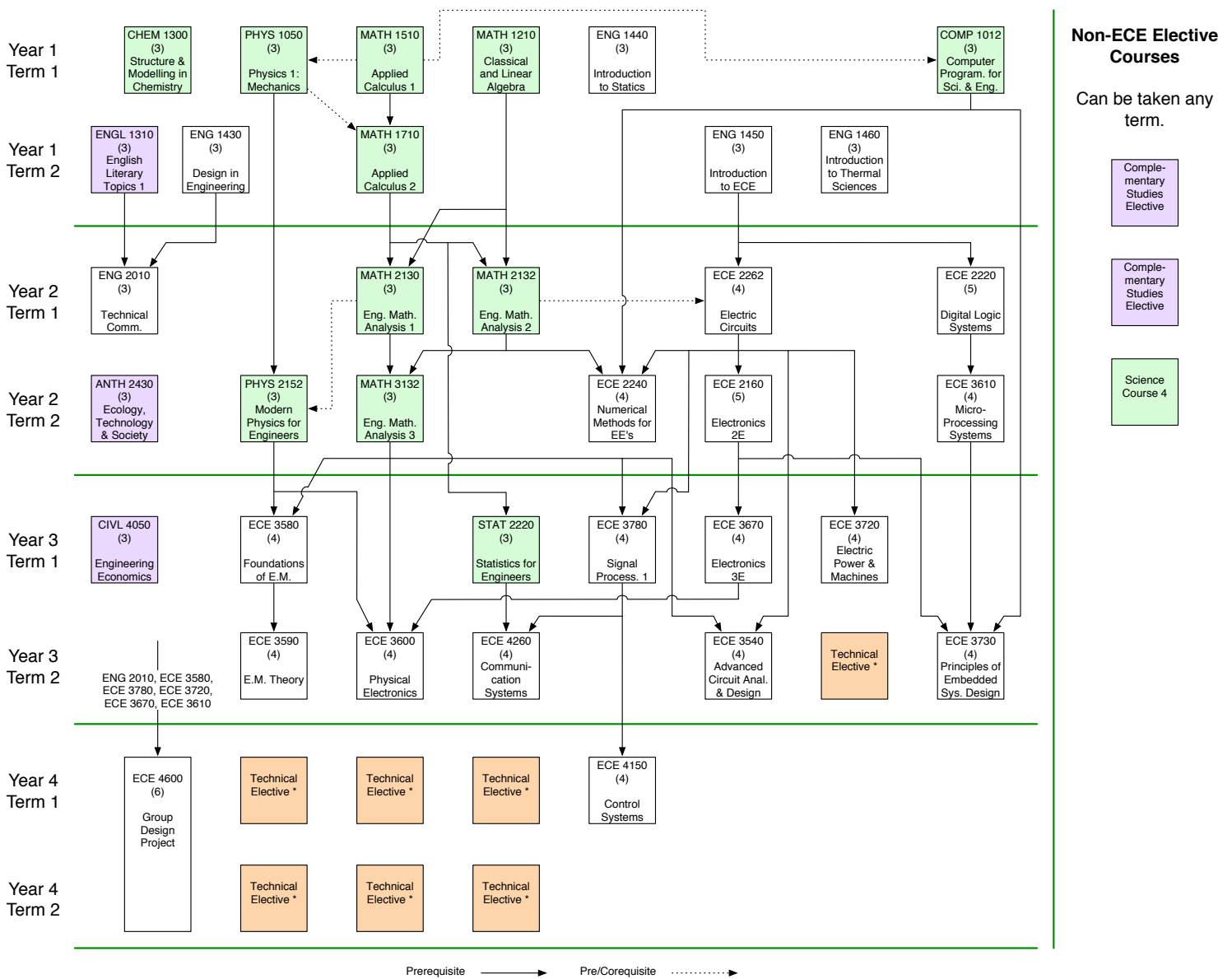
ECE 3650 (5) Electric Machines (ECE 3720)
 ECE 3700 (4) Telecommunication Network Engineering (COMP 2140)
 ECE 3760 (4) Digital System Design 1 (ECE 4240)
 ECE 3770 (4) Digital System Design 2 (ECE 4240)
 ECE 4160 (4) Control Engineering (ECE 4150)
 ECE 4250 (4) Digital Communications (ECE 4830, ECE 4260)
 ECE 4280 (4) Engineering Electromagnetics (ECE 3590)
 ECE 4310 (4) Electrical Energy Systems 2 (ECE 4300)
 ECE 4420 (4) Digital Control (ECE 4830, ECE 4150)
 ECE 4440 (4) Computer Vision (ECE 3780)
 ECE 4580 (4) Optoelectronics (ECE 3600)
 ECE 4860-T01 (4) Biomedical Optics (ECE 3590, ECE 3780)

Not Offered 2011 - 2012

ECE 4860-T02 (4) Design of RF Devices and Wireless Systems (permission of dept.)
 ECE 4860-T03 (4) High Voltage Equipment Testing, Measurement, and Diagnostics (permission of dept.)

* 4th year electives may be taken in either first or second term. At least 4 technical electives must be taken from designated Group A Technical Electives.

2011-2012 Electrical Engineering Course Flow Chart 4 year program



Technical Electives (Fall Term)

- ECE 4240 (4) Microprocessor Interfacing (ECE 3610)
- ECE 4270 (4) Antennas (ECE 3590)
- ECE 4290 (4) Microwave Engineering (ECE 3590)
- ECE 4300 (4) Electrical Energy Systems 1 (ECE 3650)
- ECE 4370 (4) Power Electronics (ECE 3650/3670)
- ECE 4390 (4) Engineering Computations 4E (MATH 3132)
- ECE 4540 (4) Wireless Networks (ECE 3700, ECE 3780)
- ECE 4610 (4) Biomedical Instrumentation & Signal Processing (ECE 3780, ECE 2160)
- ECE 4740 (4) Digital System Implementation (ECE 4240)
- ECE 4830 (4) Signal Processing 2 (ECE 3780)

Not Offered 2011 - 2012

- ECE 4100 (4) Microelectronic Fabrication (ECE 3670)
- ECE 4140 (4) Power T-Lines (ECE 3720)
- ECE 4200 (4) Electric Filter Design (ECE 3540)
- ECE 4530 (4) Parallel Processing (COMP 2140, ECE 3760)
- ECE 4850 (4) Performance Evaluation for Communications and Computer Eng. (STAT 2220)

Technical Electives (Spring Term)

- ECE 3650 (5) Electric Machines (ECE 3720)
- ECE 3700 (4) Telecommunication Network Engineering (COMP 2140)
- ECE 3760 (4) Digital System Design 1 (ECE 4240)
- ECE 3770 (4) Digital System Design 2 (ECE 4240)
- ECE 4160 (4) Control Engineering (ECE 4150)
- ECE 4250 (4) Digital Communications (ECE 4830, ECE 4260)
- ECE 4280 (4) Engineering Electromagnetics (ECE 3590)
- ECE 4310 (4) Electrical Energy Systems 2 (ECE 4300)
- ECE 4420 (4) Digital Control (ECE 4830, ECE 4150)
- ECE 4440 (4) Computer Vision (ECE 3780)
- ECE 4580 (4) Optoelectronics (ECE 3600)
- ECE 4860-T01 (4) Biomedical Optics (ECE 3590, ECE 3780)

Not Offered 2011 - 2012

- ECE 4860-T02 (4) Design of RF Devices and Wireless Systems (permission of dept.)
- ECE 4860-T03 (4) High Voltage Equipment Testing, Measurement, and Diagnostics (permission of dept.)

* 4th year electives may be taken in either first or second term. At least 4 technical electives must be taken from designated Group A Technical Electives.

This flow chart is a guideline, and only applies for the current calendar year. It should not be used as a guideline for subsequent years. Errors may be present in this document. Students should reference information in the University Calendar.