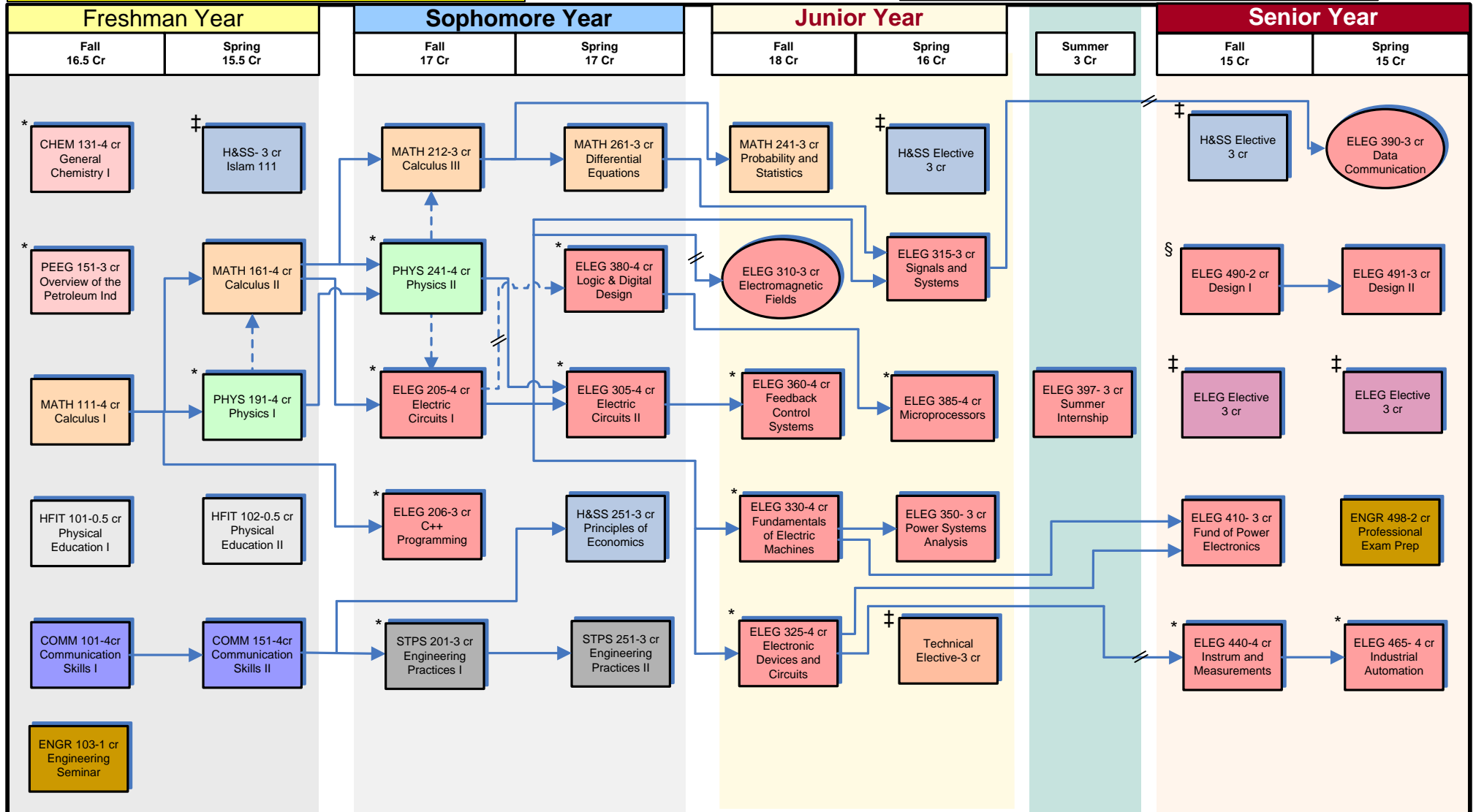


- Applies only to students who became Freshman in Fall 2010
- Suitable for students who took their first course in EE in Fall
- ENGR 498 applies only to students who,
  - \* Became freshmen in fall 2009 or later, or
  - \* Transferred into electrical engineering students in fall 2009, or
  - \* Will be graduating based on the 2009-2010 catalog

**THE PETROLEUM INSTITUTE**  
**ELECTRICAL ENGINEERING PROGRAM**  
 2010 - 2011

**Suitable for students who took  
 their first course in EE in Fall**



**Legend**

- Prerequisites
- ⇒ New Prerequisites
- ⇌ Corequisites
- ⇋ New Corequisites
- ‡ Check catalogue for prerequisites
- \* Course has a lab component
- § Senior Standing and advisor approval

COMM : English  
 STPS : Engineering Practices  
 HFIT : Physical Education  
 H & SS : Humanities & Social Science

**EE Program requirements:**  
 14 EE Required courses (54 cr)  
 2 EE Electives (6 cr)  
 2 Capstone Design (5 cr)  
 1 Summer Internship (3 cr)  
 1 Chem Course (4 cr)

5 Math Courses (17 cr)  
 4 H&SS Courses (12 cr)  
 2 STPS Courses (6 cr)  
 2 HFIT Courses (1 cr)  
 2 COMM Courses (8 cr)

**EE Program Electives**

ELEG450 Elect. Power Distribution  
 ELEG460 Digital Signal Processing  
 ELEG470 Adv. Power Electronics  
 ELEG480 Digital Control Systems  
 ELEG475 Power System Protection  
 ELEG493 Special Topic in EE  
 ELEG494 Research Topic in EE

**Technical Electives**

ENGR201 Statics  
 MATH361 Engineering Mathematics  
 MATH461 Linear Algebra  
 MEEG311 Thermodynamics  
 MEEG324 Engineering Dynamics  
 MEEG354 Fluid Mechanics  
 PHYS341 Modern Physics III  
 CHEM181 General Chemistry II

**133 credit total**