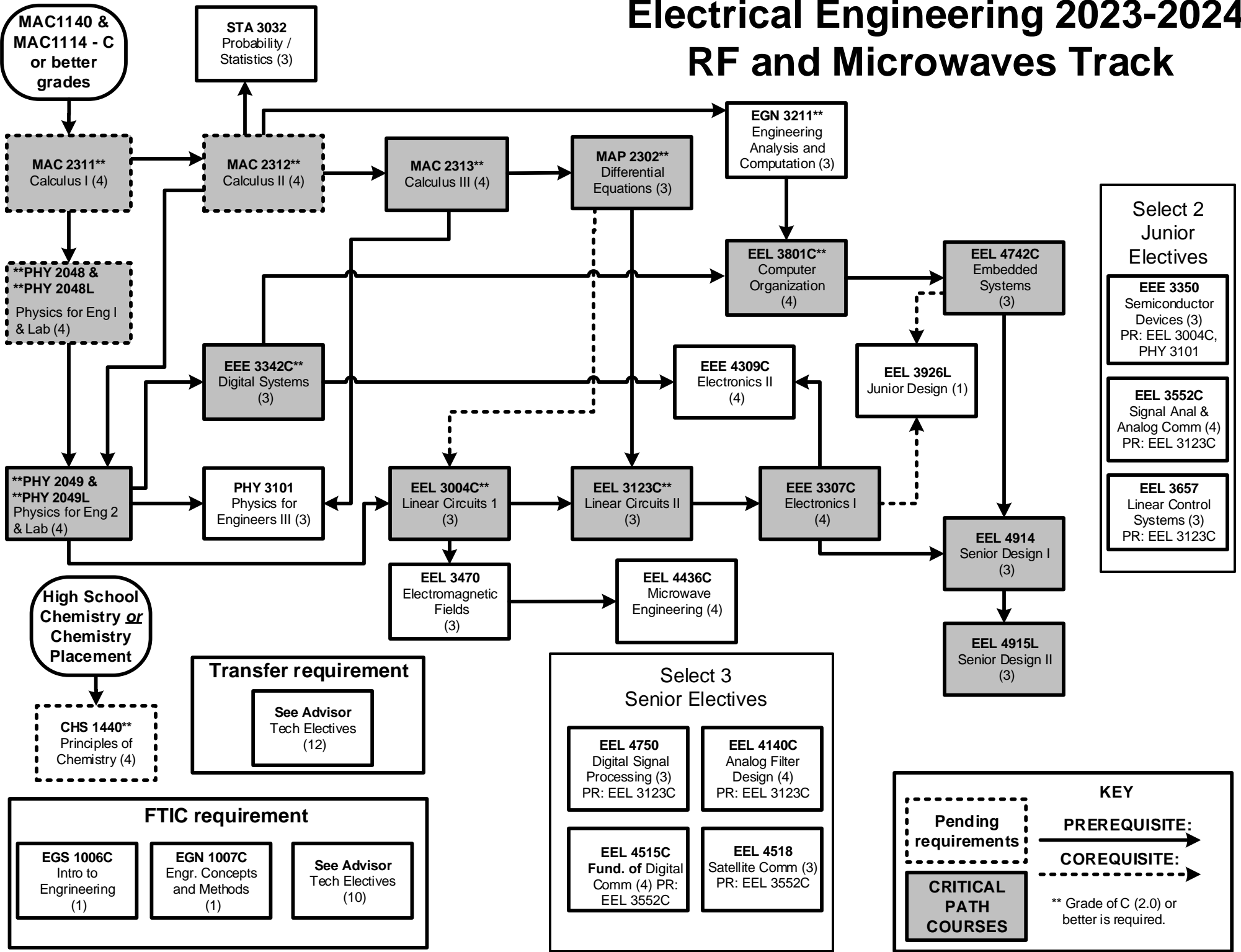


Electrical Engineering 2023-2024 RF and Microwaves Track



MAC1140 & MAC1114 - C or better grades

STA 3032 Probability / Statistics (3)

MAC 2311** Calculus I (4)

MAC 2312** Calculus II (4)

MAC 2313** Calculus III (4)

MAP 2302** Differential Equations (3)

EGN 3211** Engineering Analysis and Computation (3)

**PHY 2048 & **PHY 2048L Physics for Eng I & Lab (4)

EEE 3342C** Digital Systems (3)

EEL 3801C** Computer Organization (4)

EEL 4742C Embedded Systems (3)

- Select 2 Junior Electives
- EEE 3350 Semiconductor Devices (3)
PR: EEL 3004C, PHY 3101
 - EEL 3552C Signal Anal & Analog Comm (4)
PR: EEL 3123C
 - EEL 3657 Linear Control Systems (3)
PR: EEL 3123C

**PHY 2049 & **PHY 2049L Physics for Eng 2 & Lab (4)

PHY 3101 Physics for Engineers III (3)

EEL 3004C** Linear Circuits 1 (3)

EEL 3123C** Linear Circuits II (3)

EEE 4309C Electronics II (4)

EEL 3926L Junior Design (1)

EEE 3307C Electronics I (4)

EEL 4914 Senior Design I (3)

High School Chemistry or Chemistry Placement

CHS 1440** Principles of Chemistry (4)

Transfer requirement
See Advisor Tech Electives (12)

EEL 3470 Electromagnetic Fields (3)

EEL 4436C Microwave Engineering (4)

- Select 3 Senior Electives
- EEL 4750 Digital Signal Processing (3)
PR: EEL 3123C
 - EEL 4140C Analog Filter Design (4)
PR: EEL 3123C
 - EEL 4515C Fund. of Digital Comm (4)
PR: EEL 3552C
 - EEL 4518 Satellite Comm (3)
PR: EEL 3552C

EEL 4915L Senior Design II (3)

FTIC requirement

- EGS 1006C Intro to Engineering (1)
- EGN 1007C Engr. Concepts and Methods (1)
- See Advisor Tech Electives (10)

KEY

Pending requirements (dashed box)

CRITICAL PATH COURSES (shaded box)

PREREQUISITE: (solid arrow)

COREQUISITE: (dashed arrow)

** Grade of C (2.0) or better is required.