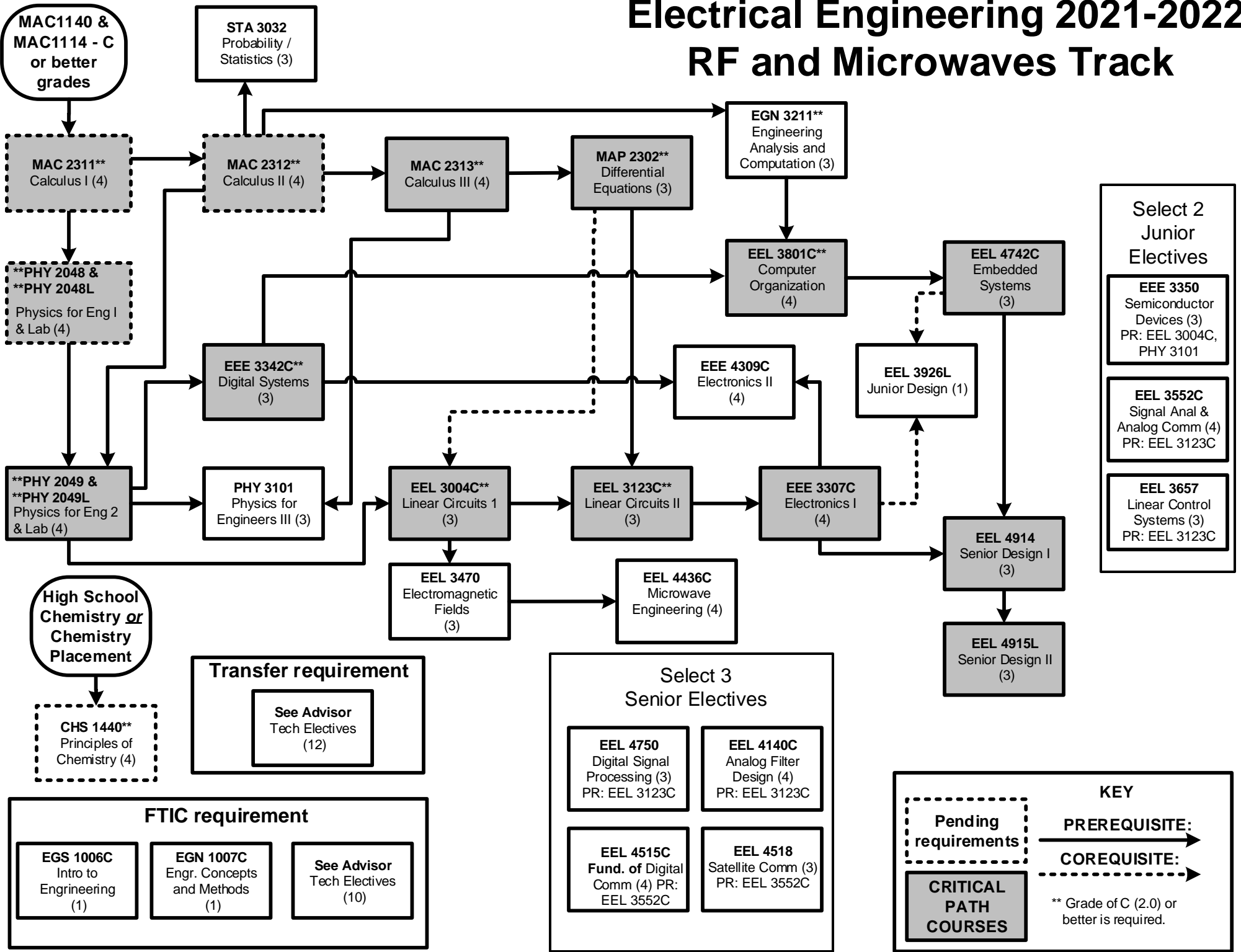


Electrical Engineering 2021-2022 RF and Microwaves Track



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 3307C
Electronics I
(4)

EEL 3926L
Junior Design (1)

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)

EEL 4914
Senior Design I
(3)

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)

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

KEY

Pending requirements

CRITICAL PATH COURSES

PREREQUISITE: (solid arrow)

COREQUISITE: (dashed arrow)

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