

RADIATION HEALTH PHYSICS – 4 Year Plan

FIRST YEAR

Academic Year: 2024-2025

SECOND YEAR

Fall

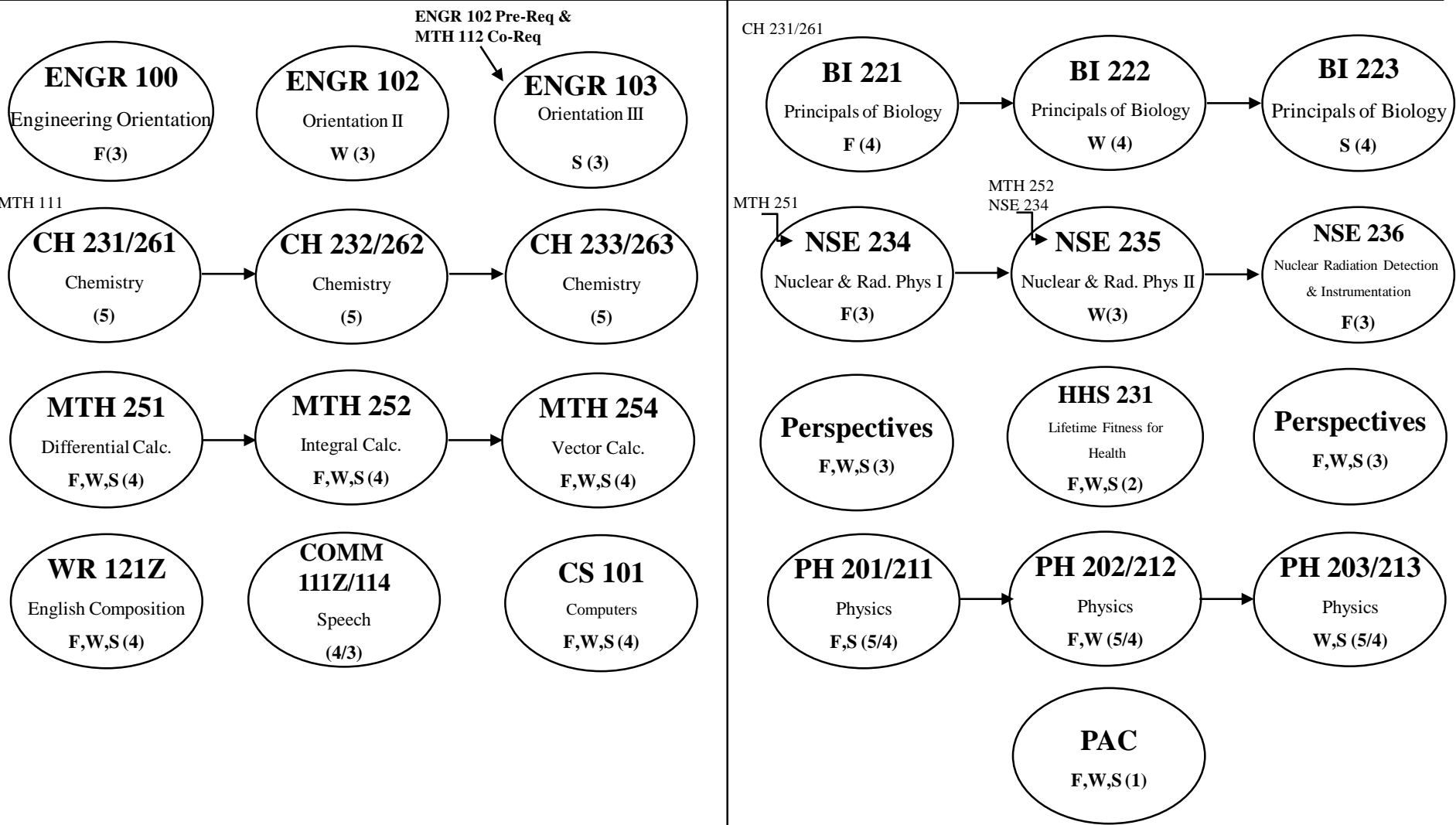
Winter

Spring

Fall

Winter

Spring



() The number within the parenthesis represent the credits of the course.
F, W, S: Represents the term the course is offered (Fall, Winter and Spring term respectively).

RADIATION HEALTH PHYSICS

THIRD YEAR

Academic Year: 2024-2025

FOURTH YEAR

Fall

Winter

Spring

Fall

Winter

Spring

NSE 235
NSE 481
 Radiation Protection
 F (4)

ST 201
 Statistics I
 F,W,S,U (3)

ST 202
 Statistics II
 (3)

NSE 407
 Seminar
 F,W,S (1)

NSE 407
 Seminar
 F,W,S (1)

NSE 407
 Seminar
 F,W,S (1)

BI 242
BI 231
 Intro to Human A&P
 F,U (3)

Elective
 Restrict. Elective
 (3)

WR 121Z
WR 227Z
 Tech. Writing
 (4)

NSE 415
 Nuclear Rules &
 Regulation
 F (2)

NSE 481
NSE 483
 Radiation Biology
 W (4)

H 445
 Occupational Health
 S (3)

Elective
 Restricted
 Health Elect
 (3)

Elective
 Restrict. Elective
 (3)

NSE 319
 Societal Aspects of Nucl. Tech.
 S(3)

NSE 481
NSE 488
 Radioecology
 F (3)

NE 474
 Nuclear Sys. Design
 W (4)

NSE 235
NSE 481
NSE 435
 Rad. Shielding & Ext. Dosimetry
 S (4)

Elective
 Restricted
 Health Elect
 (3)

Synthesis
 (3)

Elective
 Restrict. Health Elect.
 (3)

ST 201
H 425
 Epidemiology
 F,W,S (3)

Synthesis
 (3)

NSE 452
NSE 474
NSE 475
 Nuclear Sys. Design II
 S (4)

Perspectives
 F,W,S (3)

Perspectives
 F,W,S (3)

Elective
 Restrict. Elective
 (3)

Elective
 Restrict. Health Elect.
 (3)

Elective
 Restricted Elect.
 (3)

Elective
 Restricted Elect.
 (3)

RADIATION HEALTH PHYSICS

Pre-med track

RHP with Pre-Medical Track

BI 109
Health
Professions

S(1)

ST 351
Statistical
Methods

F,W,S (4)

CH 331
Organic
Chemistry

F(3)

CH 332
Organic
Chemistry

W(3)

CH 337
Organic
Chemistry Lab

F,S (4)

BB 314
Cell and Molecular
Biology
F, W, S, U(4)

BI 231
Anatomy

W(3)

BI 241
Anatomy Lab

S (3)

BB 450
General
Biochemistry I
F, W, U(4)

BB 451
General
Biochemistry II
W, S(3)

BI 311
Genetics

F, W, S, U(4)

SOC 204
Intro to Sociology

F, W, S, U(3)

PSY 202
General
Psychology
F, W, S, U(3)

NOTES:

1. CH 221 + CH 222+ CH 223 required for pre-med track.
2. Math pre-requirements for PH 201, PH 202, and PH 203 are different than PH 211, PH 212, and PH 213.
3. PH 211 + PH 212 + PH 213 required for pre-med track.
4. Can substitute ST 314 + 3 hours of free electives for ST 201 + ST 202.
5. Credits to graduate = 180.