

RADIATION HEALTH PHYSICS – 4 Year Plan

FIRST YEAR

Academic Year: 2020-2021

SECOND YEAR

Fall

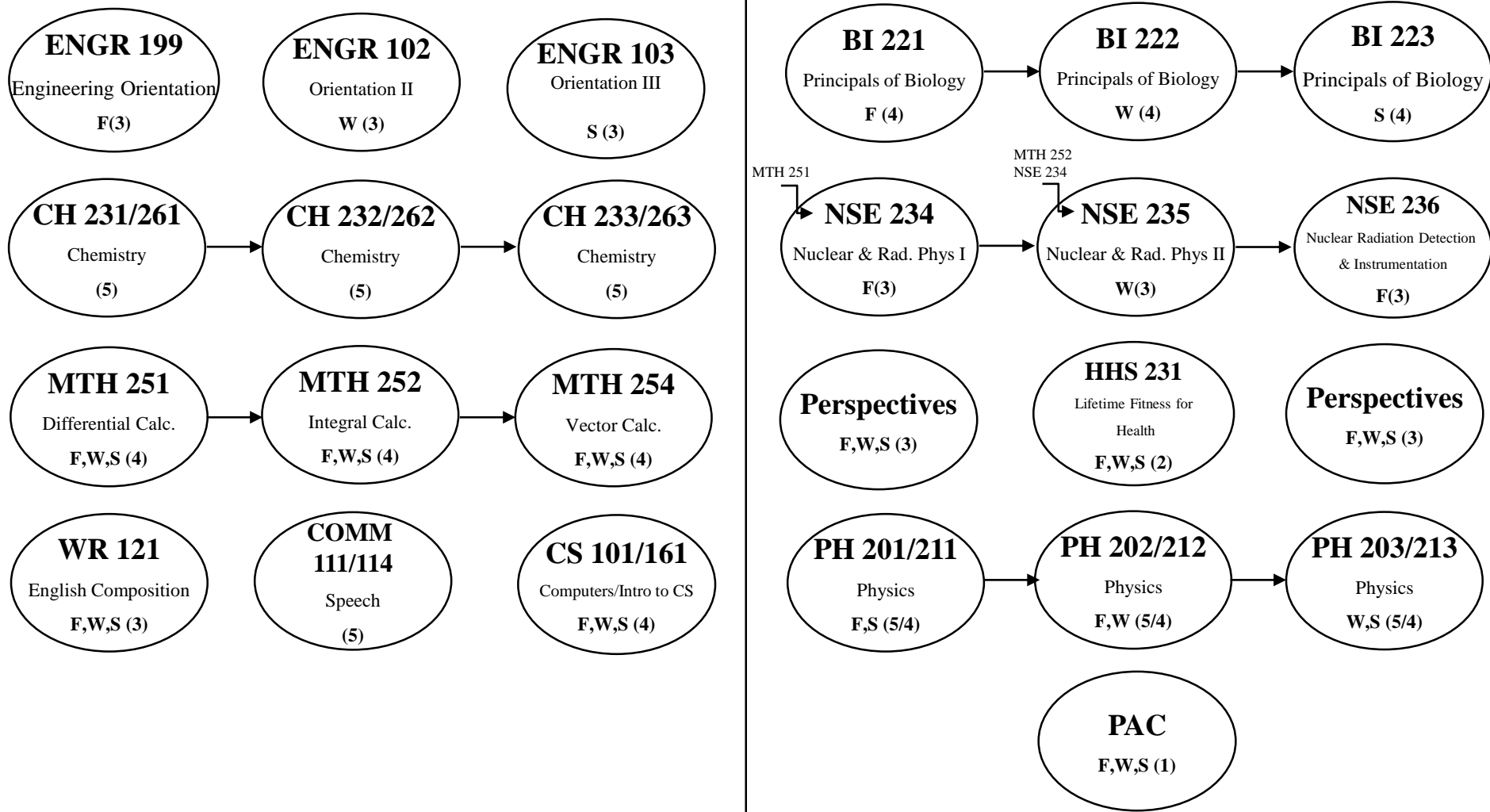
Winter

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: 2020-2021

FOURTH YEAR

Fall

Winter

Spring

Fall

Winter

Spring

RHP/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 121

→ **WR 327**
Tech. Writing
(3)

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)

RHP/NSE 234
RHP/NSE 235
RHP/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)

Elective
(2)

NSE 452
NSE/RHP 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)

Synthesis
(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.