

RADIATION HEALTH PHYSICS – 4 Year Plan

FIRST YEAR

Academic Year: 2021-2022

SECOND YEAR

Fall

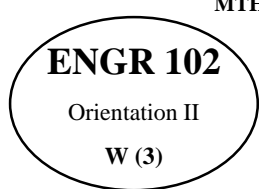
Winter

Spring

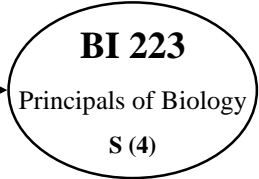
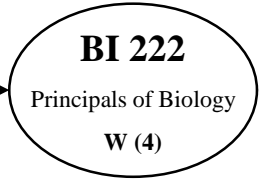
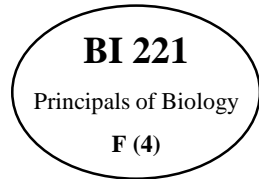
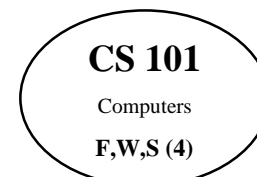
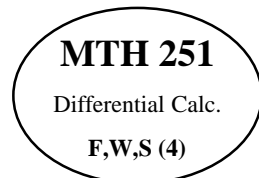
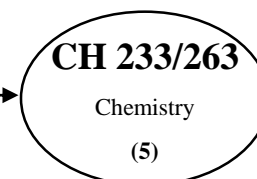
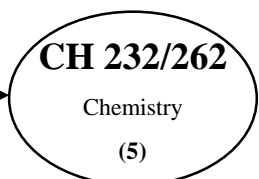
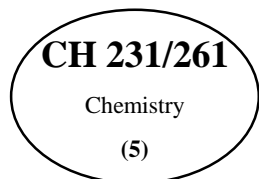
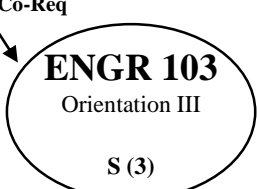
Fall

Winter

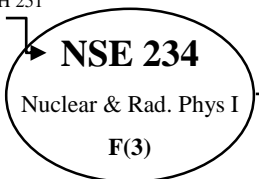
Spring



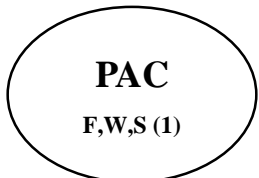
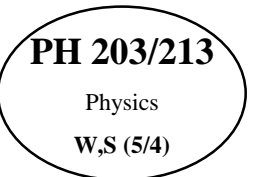
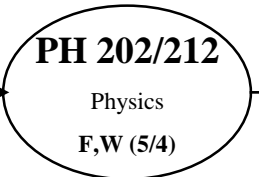
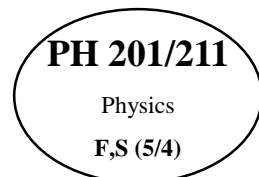
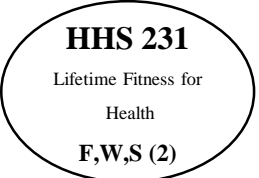
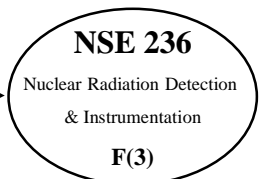
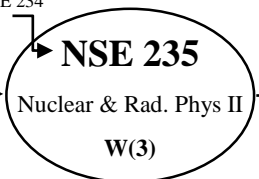
ENGR 102 Pre-Req &
MTH 112 Co-Req



MTH 251



MTH 252
NSE 234



() 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: 2021-2022

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.