

Radiation Health Physics

3Year

2007-2008 School Year

Navy STA-21

Radiation Health Physics (42 hrs)				CH	Grade
RHP	114	2	Intro NE & RHP	ACE	
RHP	115	2	Intro NE & RHP @	ACE	
RHP	116	2	Intro NE & RHP	ACE	
RHP	234	4	Nucl & Rad Physics I		
RHP	235	4	Nucl & Rad Physics II		
RHP	236	4	Nucl Rad Det/Inst III		
RHP	406	3	Project-Nuc Syst Design		
RHP	407	1	Seminar		
RHP	407	1	Seminar		
RHP	407	1	Seminar		
RHP	415	2	Nuclear Rulels & Reg		
RHP	481	4	Radiation Protection		
RHP	483	4	Radiation Biology		
RHP	488	4	Radioecology		
RHP	490	4	Radiation Dosimetry		

Required Science (70 hrs)				CH	Grade
BI	211	4	Gen Biology @		
BI	212	4	Gen Biology @		
BI	213	4	Gen Biology		
CH	121 or 221	5	Chem for Engr Majors @		
CH	122 or 222	5	Chem for Engr Majors		
CH	123 or 223	5	Chem for Engr Majors		
CS	101 or 151	4	Computers:		
H	425	3	Principles of Epidemiology		
MTH	251	4	Diff Calculus @		
MTH	252	4	Int Calculus @		
MTH	268	4	Mathematical Ideas in Bio		
PH	211	4	Gen Physics w/Calculus @		
PH	212	4	Gen Physics w/Calculus @		
PH	213	4	Gen Physics w/Calculus @		
ST	201	3	Principles of Statistics		
ST	202	3	Principles of Statistics		
ST	or 314	3	Intro to Stats for Engineers		
Z	331	3	Human Anatomy & Phys		

Restricted Elective (24 hrs)				CH	Grade
H	3				
H	3				
H	3				

@ = required for proschool
restricted electives - 300 level or higher

Perspectives (15 hrs)			CH	Grade
Literature & Arts (3):				
Cultural Diversity (3):				
Social Processes & Institutions (3):				
Diff, Power & Discrimination (3):				
Western Culture (3):				

Skills (12 hrs)				CH	Grade
Writing I:	WR	121	English Composition @		
Writing II:	WR	327	Technical Writing		
Writing III/Speech:					
	COMM	111	Public Speaking @	ACE	
	or COMM	114	Arg & Crit Discourse @		
Fitness:	HHS	231	Lifetime Fitness for Health	ACE	

Synthesis (6 hrs)			CH	Grade
Science, Technology & Society:				
Contemporary Global Issues:				

Free Electives (11 hrs)			CH	Grade

Other Requirements

University _____ 2.00 Cumulative GPA
 _____ 2.00 GPA last 45 hours

Department _____ No more than 9 hrs ROTC (free electives included
 in 180 total hours).

College of Engineering _____ No S/U grades in required engineering, science, or
 restricted electives courses.
 _____ 2.00 overall GPA in all science and mathematics,
 combined.
 _____ 2.25 overall GPA in all required PROFESSIONAL progra
 courses.

All courses designated @ must have grades of C (2.00) or better
for entrance into Professional Engineering.

**Radiation Health Physics
Curriculum
3 Year Plan
Starting Summer 2007**

Summer Year 1	Credits	Fall Year 1	Credits	Winter Year 1	Credits	Spring Year 2	Credits
CS 101 or 151	4	MTH 251	4	BI 212	4	MTH 268	4
Free elective	3	BI 211	4	RHP 235	4	BI 213	4
WR 121	3	PH 211	4	PH 212	3	RHP 236	4
Perspective	3	RHP 234	4	MTH 252	4	PH 213	4
Term	13	Term	16	Term	15	Term	16
CUM	13	CUM	29	CUM	44	CUM	60
Summer Year 2	Credits	Fall Year 2	Credits	Winter Year 2	Credits	Spring Year 2	Credits
CH 121 or 221	5	RHP 481	4	Free Elective	3	Health restricted	3
CH 122 or 222	5	Z 331	3	Health elective	3	Restricted elective	3
CH 123 or 223	5	RHP 415	2	Free Elective	3	Perspective elective	3
		perspective	3	RHP 483	4	Synthesis elective	3
		perspective	3				
Term	15	Term	15	Term	13	Term	12
CUM	75	CUM	90	CUM	103	CUM	115
Summer Year 3	Credits	Fall Year 3	Credits	Winter Year 3	Credits	Spring Year 3	Credits
WR 327	3	RHP 488	4	Free elective	3	NE 490	4
ST 314	3	H 425	3	NE 407	1	NE 407	1
Health elective	3	RHP 407	1	Restricted elective	3	Free elective	3
Restricted elective	3	Synthesis elective	3	Restricted elective	3	RHP 406, sec 002	3
		Free elective	3	Perspective elective	3	Restricted Elective	3
Term	12	Term	14	Term	13	Term	14
CUM	127	CUM	141	CUM	154	CUM	168
ACE Courses							
NE 114		2 COMM 111/114	3				
NE 115		2 HHS 231/241	3				
NE 116		2 TOTAL	12			TOTAL CH	180
ADVISOR SIGNATURE	_____					DATE:	_____