

RADIATION HEALTH PHYSICS (PRE-MED TRACK) 2008-09

PRO SCHOOL REQUIRED COURSES (54 hrs)				CH	Grade
BI	211	4	@ Introductory Biology		
BI	212	4	@ Introductory Biology		
CH	221	5	@ General Chemistry		
CH	222	5	@ General Chemistry		
CH	223	5	@ General Chemistry		
COMM	111	3	Public Speaking		
or					
COMM	114	3	Arg & Crit Discourse		
MTH	251	4	@ Diff Calculus		
MTH	252	4	@ Int Calculus		
PH	201	5	@ General Physics		
PH	202	5	@ General Physics		
PH	203	5	@ General Physics		
RHP	115	2	@ Intro NE & RHP II		
WR	121	3	English Composition		

REQUIRED RHP & SCIENCE (96 hrs)				CH	Grade
BB	450	4	General Biochemistry		
BB	451	3	General Biochemistry		
BI	109	1	Health Professions: Medical		
BI	213	4	Introductory Biology		
BI	311	4	Genetics		
BI	314	3	Cell & Molecular Biology		
CH	334	3	Organic Chemistry		
CH	335	3	Organic Chemistry		
CH	336	3	Organic Chemistry		
CH	337	4	Organic Chemistry Lab		
CS	101	4	Computers: Apps & Implications		
or					
CS	151	4	Computers: Appl or C		
H	425	3	Principles of Epidemiology		
MTH	268	4	Mathematical Ideas in Biology		
RHP	114	2	Intro NE & RHP I		
RHP	116	2	Intro NE & RHP III		
RHP	234	4	Nucl & Rad Physics I		
RHP	235	4	Nucl & Rad Physics II		
RHP	236	4	Nucl Rad Det/Inst		
RHP	406	3	Senior Project		
RHP	407	1	Seminar		
RHP	407	1	Seminar		
RHP	407	1	Seminar		
RHP	415	2	Nucl Rules & Reg		
RHP	481	4	Radiation Protection		
RHP	483	4	Radiation Biology		
RHP	488	3	Radioecology		
RHP	490	4	Rad Dosimetry		
ST	351	4	Intro to Statistical Methods		
Z	331	3	Human Anatomy & Physiology		
Z	332	3	Human Anatomy & Physiology		
Z	333	3	Human Anatomy & Physiology		

PERSPECTIVES (15 hrs)			CH	Grade
Literature & Arts (3):				
Cultural Diversity (3):				
Social Processes & Instructions (3):				
Western Culture (3):				
Difference, Power, & Discrimination (3):				

SKILLS (6 hrs)			CH	Grade
Writing II: WR 327 Technical Writing				
Fitness: HHP 231 Lifetime Fitness for Health				

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

FREE ELECTIVES (3-6 hrs)			CH	Grade

Other Requirements

University	_____	2.00 Cumulative GPA
	_____	2.00 GPA last 45 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.
	_____	2.00 overall GPA in all engineering sciences with ENGR designator.
	_____	2.25 overall GPA in all required PROFESSIONAL program courses.
Department	_____	No more than 9 hrs ROTC (free electives included in 192 total hours).

NOTE: All PRO-RHP courses must have grades of C or better for entrance into Professional Engineering.

Radiation Health Physics Pre-Med 2008-09

Fall Year 1	Credits	Winter Year 1	Credits	Spring Year 1	Credits
RHP 114	2	RHP 115@	2	RHP 116	2
CH 221@	5	CH 222@	5	CH 223@	5
MTH 251@	4	COMM 111 or 114@	3	CS 151 or CS 101	4
WR 121@	3	MTH 252@	4	MTH 268	4
		Perspective	3	BI 109	1
Term	14	Term	17	Term	16
CUM	14	CUM	31	CUM	47
Fall Year 2	Credits	Winter Year 2	Credits	Spring Year 2	Credits
RHP 234	4	RHP 235	4	RHP 236	4
BI 211@	4	BI 212@	4	BI 213	4
PH 201@	5	HHS 231	3	Perspective	3
Perspective	3	PH 202@	5	PH 203@	5
Term	16	Term	16	Term	16
CUM	63	CUM	79	CUM	95
Fall Year 3	Credits	Winter Year 3	Credits	Spring Year 3	Credits
BI 311	4	Z 332	3	WR 327	3
CH 334	3	CH 335	3	Z 333	3
RHP 481	4	BI 314	3	ST 351	4
Free Elective	1	H 425	3	CH 336	3
Z 331	3			Synthesis	3
Term	15	Term	12	Term	16
CUM	110	CUM	122	CUM	138
Fall Year 4	Credits	Winter Year 4	Credits	Spring Year 4	Credits
RHP 407	1	RHP 407	1	RHP 406	3
CH 337	4	Synthesis	3	RHP 407	1
RHP 483	4	Perspective	3	RHP 490	4
RHP 415	2	BB 450	4	BB 451	3
Free Elective	3	RHP 488	3	Perspective	3
Term	14	Term	14	Term	14
CUM	152	CUM	166	CUM	180
ADVISOR SIGNATURE _____ DATE: _____					

@ Required for proschool