



BACHELOR OF SCIENCE IN RADIATION THERAPY PRE-MEDICINE OPTION (134 credits)

FRESHMAN YEAR		
Fall Semester		Hrs.
BIOL 1240/1245	PRINCIPLES OF BIOLOGY I WITH LAB	4
CHEM 1110/1115	GENERAL CHEMISTRY I WITH LAB	4
ENGL 1900	ADVANCED STRATEGIES OF RHETORIC AND RESEARCH	3
IPE 1100	INTRODUCTION TO HEALTH CARE	1
MATH 1400	PRE-CALCULUS	3
PSY 1010	GENERAL PSYCHOLOGY	3
TOTAL		18

Spring Semester		Hrs.
BIOL 1260/1265	PRINCIPLES OF BIOLOGY II WITH LAB	4
CHEM 1120/1125	GENERAL CHEMISTRY II WITH LAB	4
HIST 1110	ORIGINS OF THE MODERN WORLD	3
MATH 1510	CALCULUS I	4
PHIL 1050	INTRODUCTION TO PHILOSOPHY	3
TOTAL		18

SOPHOMORE YEAR		
Fall Semester		Hrs.
BIOL 3020	BIOCHEMISTRY & MOLECULAR BIOLOGY	3
CHEM 2410/2415	PRINCIPLES OF ORGANIC CHEMISTRY I WITH LAB	4
DIET 2080	FOUNDATIONS IN NUTRITION	2
HSCI 3200	HEALTH LAW AND POLICY	3
IPE 3500	HEALTH CARE SYSTEM	3
PHIL 2050	ETHICS	3
TOTAL		18

Spring Semester		Hrs.
BIOL 3040	CELL STRUCTURE AND FUNCTION	3
CHEM 2420/2425	PRINCIPLES OF ORGANIC CHEMISTRY II WITH LAB	4
IPE 4200	APPLIED DECISION MAKING	3
MATH 1300	ELEMENTARY STATISTICS WITH COMPUTERS	3
SOC 1100	INTRODUCTION TO SOCIOLOGY	3
TOTAL		16



JUNIOR YEAR		
Fall Semester		Hrs.
HIM 4750	FUNDAMENTALS OF CLINICAL MEDICINE	3
HSI 3300/3310	ANATOMY AND PHYSIOLOGY I WITH LAB	4
ORES 2320	INTERPROFESSIONAL HEALTH OUTCOMES	2
PHYS 1310/1320	PHYSICS I WITH LAB	4
XXXX	FINE ARTS ELECTIVE	3
TOTAL		16

Spring Semester		Hrs.
HSI 2200	MEDICAL TERMINOLOGY	3
HSI 3400/3410	ANATOMY AND PHYSIOLOGY II WITH LAB	4
PHYS 1330/1340	PHYSICS II WITH LAB	4
THEO 1000	THEOLOGICAL FOUNDATIONS	3
ENGL XXXX	LITERATURE ELECTIVE	3
TOTAL		17

SENIOR YEAR		
Fall Semester		Hrs.
XRT 4310	RADIATION PHYSICS	2
XRT 4320	RADIATION THERAPY PRACTICE I	3
XRT 4330	TREATMENT TECHNIQUES	3
XRT 4340	TREATMENT PLANNING	3
XRT 4360	EMERGING TECHNOLOGIES	2
XRT 4500	RADIATION ONCOLOGY PATIENT CARE AND QUALITY MANAGEMENT	3
XRT 4510	RADIOBIOLOGY/ RADIATION PROTECTION	2
TOTAL		18

Spring Semester		Hrs.
XRT 4350	CLINICAL PRACTICUM I	6
XRT 4420	RADIATION THERAPY PRACTICE II	3
XRT 4440	CLINICAL DOSIMETRY	3
XRT 4960	CAPSTONE IN RADIATION THERAPY	1
TOTAL		13

Summer Semester		Hrs.
XRT 4450	CLINICAL PRACTICUM II	0
TOTAL		0