

### Radiation Therapy Proposed Program of Study

		Fall Semester			Spring Semester			Summer Semester				
		Course	Course Title	Hrs	Course	Course Title	Hrs	Course	Course Title	Hrs		
<b>Freshman</b>		EH 101	English Composition I	3	EH 102	English Composition II	3	HY or Lit	*History or Literature	3		
		MA 105/MA 110	Pre-Calculus or Finite Math	3	HY or Lit	*History/Literature	3	BY 261	Microbiology	4		
		CH 105/106	Introduction to Chemistry I	4	CH 107/108	Introduction to Chemistry II	4					
		SOC 100	Introduction to Sociology	3	MA 180/PY 214	Statistics	3					
		HRP 101	FYE	3								
			<b>Total Credits</b>		<b>16</b>		<b>Total Credits</b>		<b>13</b>		<b>Total Credits</b>	<b>7</b>
<b>Sophomore</b>		HY or Lit	*History/Literature	3	PHS 101	Physical Science	4	BY 123 or BY 216	Intro to Biology/Pathophysiology	4		
		BY 115	Anatomy/Lab	4	BY 116	Physiology/Lab	4					
		PY 101	Introduction to Psychology	3	CM 101	Public Speaking	3					
		Hum/SBS	Humanities/SBS Elective	3	Fine Arts	Fine Arts Elective	3					
			<b>Total Credits</b>		<b>13</b>		<b>Total Credits</b>		<b>14</b>		<b>Total Credits</b>	<b>4</b>
<b>Junior</b>		RST 311	Principles of Patient Assess.	3	RST 321	Clinical Practicum in R.C.I	4	RST 331	Clinical Practicum in R.C.II	4		
		RST 312	Basic Resp. Care Procedures	4	RST 322	Cardiopulm. Anat. & Phys	3	RST 332	Mechanical Ventilation	4		
		RST 313	Basic Resp. Care Procedures Lab	3	RST 323	Airway Management	2	RST 333	Mechanical Ventilation Lab	3		
		RST 314	Respiratory Care Pharmacology	3	RST 324	Pulmonary Pathology	2	RST 334	Critical Care Monitoring	2		
		MT 400	Health & Safety Management	1	RST 325	Directed Study in R.C.I	1					
			<b>Total Credits</b>		<b>14</b>	RST 326	Airway Management Lab	2				
						<b>Total Credits</b>		<b>14</b>		<b>Total Credits</b>	<b>13</b>	
<b>Senior</b>		RST 411	Clinical Practicum in R.C. III	4	RST 421	Clinical Practicum in R.C. IV	4	RST 431	Clinical Internship	6		
		RST 412	Advanced Mechanical Ventilation	4	RST 422	Long Term & Preventative Care	2	RST 432	Directed Study in R.C. III	2		
		RST 413	Special Procedures and PFT	3	RST 423	Perinatal/Pediatric Resp. Care	3	RST 440 or	Respiratory Therapy Elective ¶	4		
		RST 414	Special Procedures Lab	2	RST 424	Long Term & Pediatric Lab	2	RST 445 or				
		RST 415	Directed Study in R.C. II	2	RST 425	Laboratory Proficiency Prac.	2	RST 433				
					RST 426	CRT Exam Review	1					
					RST 427	Review of Critical Care	1					
			<b>Total Credits</b>		<b>15</b>		<b>Total Credits</b>		<b>15</b>		<b>Total Credits</b>	<b>12</b>

**Total Hours for Degree = 150**

English/MA determined by Placement or AP credit. Scholarship requires 15 semester hours Fall/Spring

\*A 6 semester hour sequence either in literature or in history is required; If a second literature is chosen, it will apply as 3 of the elective hours in AREA II.

Humanities and Fine Arts; If a second history is chosen, it will apply as 3 of the elective hours in AREA IV history, Social and Behavioral Sciences.

¶Select between the following electives: RST 440 - Asthma Education Certification, RST 445 - Educational Methods in Respiratory Care, or RST 433 - Research for Respiratory Therapists.