



Bachelor of Science in Radiation Therapy

CURRICULUM (64 credits required)

BIOL352	Imaging and Sectional Anatomy	(4 credits)
RS300	Orientation to Advanced Modalities	(1 credit)
RS302	Radiation Biology and Protection	(3 credits)
RS306	Patient Care in Advanced Modalities	(3 credits)
RS312	Radiation Physics	(3 credits)
RS314	Pharmacology	(3 credits)
RS316	Professionalism and Workplace Experience	(2 credits)
RS390	Ethics and Law for Advanced Modalities	(3 credits)
MI310	Pathophysiology	(3 credits)
MI330	Leadership and Communication	(3 credits)
RTT300	Orientation to Radiation Therapy	(1 credit)
RTT301	Clinical Oncology I	(3 credits)
RTT305	Principles and Practices of Radiation Therapy I	(3 credits)
RTT306	Principles and Practices of Radiation Therapy II	(3 credits)
RTT311	Clinical Oncology II	(3 credits)
RTT320	Clinical Orientation	(3 credits)
RTT410	Physics and Treatment Planning	(2 credits)
RTT414	Physics and QA in Radiation Therapy	(3 credits)
RTT420	Clinical Practice I	(5 credits)
RTT421	Clinical Practice II	(8 credits)
RTT435	Research Methods and Capstone	(2 credits)

California Residents

JPU's BS Radiation Therapy program is an approved Therapeutic Radiologic Technology school by the RHB (School ID Number 1400)

California Department of Public Health – Radiologic Health Branch (RHB)

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Sacramento, CA 95899-7414

www.cdph.ca.gov/RHB

For information on Title 17 requirements and documentation for participating clinical sites, click [HERE](#).

Clinical Site Assignments in California

The minimum required hours required in the clinical setting for the BS Radiation Therapy program is 768.

RTT320 consists of a minimum of 192 clinical hours (approximately 16 hours per week for 12 weeks),

RTT420 and RTT421 consist of 288 clinical hours (approximately 24 hours per week for 12 weeks).

Students who choose to accumulate hours and competencies at a clinical site located in the State of California to complete requirements for the Clinical Orientation (RTT320), Clinical Practice I (RTT420), and Clinical Practice II (RTT421) courses are required to accumulate a minimum of 1,500 hours, as required by the CDPH-RHB.

Please Note: Any Student who chooses to be placed at a clinical site located in the State of California may not begin their rotation or complete competencies until the site is first approved by the RHB.

**SAMPLE PLAN OF STUDY FOR STUDENTS ACCUMULATING CLINICAL HOURS AT
SITES LOCATED IN CALIFORNIA**

Semester 1	
Imaging and Sectional Anatomy	4cr
Orientation to Advanced Modalities	1cr
Patient Care in Advanced Modalities	3cr
Radiation Biology and Protection	3cr
Radiation Physics	3cr
Professionalism and Workplace Experience	2cr
Orientation to Radiation Therapy	1cr
	17cr

Semester 2	
Pathophysiology	3cr
Ethics and Law for Advanced Modalities	3cr
Clinical Oncology I	3cr
Prin. and Practices of Radiation Therapy I	3cr
Physics and Treatment Planning	2cr
Clinical Orientation*	3cr
	17cr

Semester 3	
Clinical Oncology II	3cr
Prin. and Practices of Radiation Therapy II	3cr
Clinical Practice I*	5cr
	11cr

Semester 4	
Physics and QA in Radiation Therapy	3cr
Pharmacology	3cr
Clinical Practice I (continued)*	5cr
	11cr

Semester 5	
Leadership and Communication	3cr
Professional Practice	1cr
Clinical Practice II*	8cr
	12cr

Semester 6	
Research Methods and Capstone	2cr
Clinical Practice II (continued)*	8cr
	10cr

*Clinical Orientation consists of a minimum of 192 hours (approximately 16 hours per week for 12 weeks). RTT420 consists of a minimum of 448 hours (approximately 16 hours per week for 28 weeks). RTT421 consists of a minimum of 860 hours (approximately 32 hours per week for 28 weeks).