



Academic Map: Radiation Therapy Technology (AAS)

Associate of Applied Science (A.A.S) | 82 Total Credits | CSN Degree Code: RADTHR-AAS | Catalog Year: 2022-2023 |

Health Sciences Health Sciences Department of Dental Sciences, Diagnostic Evaluation and Rehabilitation Services

Jobs and Employment Information: <https://www.csn.edu/healtharea> Limited Entry Program

DESCRIPTION: The Radiation Therapy Associate of Applied Science degree program prepares graduates to work with the Radiation Oncologist in delivering daily doses of ionizing radiation for cancer treatment.

TERM 1 – TOTAL CREDIT HOURS: 13-15	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
MATH 116 or above (except MATH 122/123)	3	ACT/SAT; Placement score	GE Math	C	
ENG 100 or 101 or 107 or 110 or 113	3-5	ENG Place Score; or C- and up in ENG 98 or ESL 139	GE ENG	C	
PSY 101 General Psychology	3	None	GE Hum Rel	C	
HIST 100 or PSC 101	4	None	GE US/NV Cons	C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 14	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
Com Elective – See Advisor/Counselor	3	Depends on course chosen	GE Com	C	
FA/HUM/SS Elect – see an advisor/counselor	3	Depends on course chosen	GE FA/HUM/SS	C	
BIOL 189 Fundamentals of Life Science*	4	C – or up in ENG 100 or 101 or 113MATH 104B or above (except MATH 122/123)	Prerequisite	C	*Prerequisite to BIOL223
EGG 131 and EGG 131I or PHYS 110	4	Depends on course chosen	GE Nat Science	C	Mandatory Advising

TERM 3 – TOTAL CREDIT HOURS: 4	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
BIOL 223 Human Anatomy and Physiology I	4	C or up in 189	GE Nat Science	C	Mandatory Advising

TERM 4 – TOTAL CREDIT HOURS: 14	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
BIOL 224 Human Anatomy and Physiology II	4	C or up in BIOL 223	GE Nat Science	C	
RDTP 101B Intro to Radiation Therapy	2	None	Special Prog Req	C	
RDTP 103B Introduction to Oncology	1	None	Special Prog Req	C	
RDTP 105B Pric and Prac of Radiation Therapy	2	None	Special Prog Req	C	
RDTP125B Radiographic Process	2	None	Special Prog Req	C	
RDTP 150B Intro to radiation Physics	2	None	Special Prog Req	C	
RDTP 230B Clinical Applications I	1	None	Special Prog Req	C	Mandatory Advising

TERM 5 – TOTAL CREDIT HOURS: 12	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
RDTP 102B Methodologies	2	None	Special Prog Req	C	
RDTP 115B Caring for the patient at the End of Life	1	None	Special Prog Req	C	
RDTP 210B Treatment Planning I	3	None	Special Prog Req	C	
RDTP 211B Radiographic Analysis	2	None	Special Prog Req	C	
RDTP 220B Treatment Planning Lab	1	None	Special Prog Req	C	
RDTP 221B Ethics/Law/Professionalism	2	None	Special Prog Req	C	
RDTP 231B Clinical Applications II	1	None	Special Prog Req	C	Mandatory Advising

TERM 6 – TOTAL CREDIT HOURS: 3	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
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RDTP 232B Clinical Practicum III	3	None	Special Prog Req	C	Mandatory Advising
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TERM 7 – TOTAL CREDIT HOURS: 14

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>
RDTP 202B Radiotherapy Physics	3	None
RDTP 213B Radiation Oncology	3	None
RDTP 214B Methodologies II	2	None
RDTP 215B Treatment Planning II	3	None
RDTP 219B Adv Radiation Therapy Tech	2	None
RDTP 233B Clinical Practicum IV	1	None

<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	Mandatory Advising

TERM 8 – TOTAL CREDIT HOURS: 12

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>
RDTP 180B Radiobiology	3	None
RDTP 212B Cross Sec, Top, and Rad Anatomy	2	None
RDTP 216B Methodologies III	2	None
RDTP 229B Rad Therapy Board Review	1	None
RDTP 234B Clinical Practicum V	4	None

<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	Apply for Graduation

*Students requiring BIOL 189 will complete a total of 86 credits for this degree.

