

# AAS Radiation Oncology

The following provides information regarding courses required to complete this major at Virginia Western for planning purposes only. Please see the Academic Catalog and full disclosure statement at <http://catalog.virginiawestern.edu>.

Completed	Course	Course Title	Credit	Requisite	Term Offered
Pre-Admit	Science	Two units of high school or college Biology, Chemistry or Physics			
Pre-Admit	MTE 1	Operations with Positive Fractions	**	Math Placement	F, Sp, Su
Pre-Admit	MTE 2	Operations with Positive Decimals and Percents	**	MTE 1	F, Sp, Su
Pre-Admit	MTE 3	Algebra Basics	**	MTE 2	F, Sp, Su
Pre-Admit	MTE 4	First Degree Equations and Inequalities in One Variable	**	MTE 3	F, Sp, Su
Pre-Admit	MTE 5	Linear Equations, Inequalities and Systems of Linear Equations in Two Variables	**	MTE 4	F, Sp, Su
Pre-Admit	MTE 6	Exponents, Factoring and Polynomial Equations	**	MTE 5	F, Sp, Su
Pre-Admit	MTE 7	Rational Expressions and Equations	**	MTE 6	F, Sp, Su
Pre-Admit	MTE 8	Rational Exponents and Radicals	**	MTE 7	F, Sp, Su
Pre-Admit	MTE 9	Functions, Quadratic Equations and Parabolas	**	MTE 8	F, Sp, Su
	SDV 101	Orientation to Health Professions	2		F, Sp, Su
	BIO 145	Human Anatomy and Physiology for the Health Sciences	4		F
	HLT 105	Cardiopulmonary Resuscitation	1		F, Sp, Su
	HLT 143	Medical Terminology I	3	English Placement	F, Sp, Su
	ROC 110	Introduction to Radiation Oncology	2		F
	ROC 115	Therapeutic Radiation Safety	1		F
	ROC 142	Patient Care in Oncology	1		F
	ROC 125	Pre-Clinical Techniques in Radiation Oncology	2		F
	ENG 111	College Composition I	3	English Placement	F, Sp, Su
	MTH 161	Pre-Calculus I	3	MTE 1-9	F, Sp, Su
	ROC 120	Radiation Oncology/Pathology I	3	ROC 110	Sp
	ROC 131	Clinical Clerkship I	4		Sp
	ROC 145	Quality Improvement	2	ROC 110	Sp
	ROC 151	Introduction to Cross-Sectional Anatomy	2		Sp
	ROC 132	Clinical Clerkship II	5	ROC 131	Su
	PHI 220	Ethics	3		F, Sp, Su
	ROC 121	Radiation Oncology/Pathology II	3	ROC 110	F
	ROC 141	Therapy Physics I	2	ROC 110	F
	ROC 231	Clinical Clerkship III	5	ROC 132	F
	ROC 242	Clinical Radiobiology	2	Pre: ROC 110	F
	ROC 225	Emerging Technologies in Radiation Oncology	1	Co: ROC 232	Sp
	ROC 232	Clinical Clerkship IV	5	ROC 231	Sp
	ROC 241	Therapy Physics II	2	ROC 141	Sp
	ROC 243	Dosimetry Planning	2	ROC 110	Sp
	ROC 244	Professional Seminar	2	Final Semester	Sp
	PSY 200	Principles of Psychology	3	English Placement	F, Sp, Su
	PSY 230	Developmental Psychology		English Placement	F, Sp, Su
	SOC 215	Social Ethics			F, Sp

\*\*MTE classes are developmental courses. Students may place out of these classes based on various measures, including high school GPA, standardized test scores, or placement testing.

**Total program credits: 68**

