

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	
*	Science	One unit of high school or college Biology, Chemistry or Physics			
*	MTE 1	Operations with Positive Fractions	**	Math Placement	F, Sp, Su
*	MTE 2	Operations with Positive Decimals and Percents	**	MTE 1	F, Sp, Su
*	MTE 3	Algebra Basics	**	MTE 2	F, Sp, Su
*	MTE 4	First Degree Equations and Inequalities in One Variable	**	MTE 3	F, Sp, Su
*	MTE 5	Linear Equations, Inequalities and Systems of Linear Equations in Two Variables	**	MTE 4	F, Sp, Su
*	MTE 6	Exponents, Factoring and Polynomial Equations	**	MTE 5	F, Sp, Su
*	MTE 7	Rational Expressions and Equations	**	MTE 6	F, Sp, Su
*	MTE 8	Rational Exponents and Radicals	**	MTE 7	F, Sp, Su
*	MTE 9	Functions, Quadratic Equations and Parabolas	**	MTE 8	F, Sp, Su
*Within 5 years	BIO 141	Human Anatomy and Physiology I	4	BIO 101 "C" or better, or NAS 2 or 75% on placement exam and English Placement	F, Sp, Su
*	HLT 141	Introduction to Medical Terminology	1		F, Sp
*Within 5 years	MTH 161	Pre-Calculus I	3	Pre: MTE 1-9 or Co: MCR 6	F, Sp, Su
*	SDV 101	Orientation to Health Professions	2		F, Sp, Su
	HLT 105	Cardiopulmonary Resuscitation	1		F, Sp, Su
Within 5 years	BIO 142	Human Anatomy and Physiology II	4	BIO 141 "C" or better	F, Sp, Su
	ROC 110	Introduction to Radiation Oncology	2	Acceptance	F
	ROC 115	Therapeutic Radiation Safety	2	Acceptance	F
	ROC 142	Patient Care in Oncology	2	Acceptance	F
	ROC 125	Pre-Clinical Techniques in Radiation Oncology	2	Acceptance	F
	ENG 111	College Composition I	3	English Placement	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
	PSY 200	Principles of Psychology	3	English Placement	F, Sp, Su
	PSY 230	Developmental Psychology		English Placement	F, Sp, Su
	SOC 200	Principles of Sociology			F, 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 and ROC 120 Co: ROC 121	F
	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	3	Pre/Co: All ROC Courses	Sp

*Courses must be completed by the spring semester prior to admission.

**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: 72