

Radiation and Imaging Sciences  
**Medical Dosimetry Concentration**  
Bachelor of Applied Science Degree

Requirements 2009-2010

Courses may be subject to prerequisites and minimum grade requirements. Check online at [bellevuecollege.edu/catalog/courses](http://bellevuecollege.edu/catalog/courses).

Course Number	Course Title	Credits
<b>Proficiency Requirement</b>		
MATH 099	Intermediate Algebra .....	N/A
<b>Prerequisite Requirements</b>		
	National Certification in Radiation Therapy .....	65
BIOL& 241 ▲	Human Anatomy and Physiology I .....	5
BIOL& 242 ▲	Human Anatomy and Physiology II .....	5
ENGL& 101 ▲	English Composition I .....	5
MATH& 141 ▲	Precalculus I .....	5
RADON 127	Sectional Anatomy .....	2
Humanities	From AAS-DTA transfer list .....	5
Social Science	From AAS-DTA transfer list .....	5
<b>General Program and Concentration Requirements</b>		
BUS& 101 ▲	Introduction to Business .....	5
CMST 330 ▲	Intercultural Communication for the Professional Practitioner .....	5
ECON 315	Economics of Health Care .....	5
PHIL 365	Biomedical Ethics: Theory and Practice .....	5
RAIM 460	Management and Leadership .....	5
<b>Choose 5 credits from the following:</b> .....		
ENGL 201	The Research Paper (5 Cr) .....	5
ENGL& 235 ▲	Technical Writing (5 Cr) .....	5
<b>Medical Dosimetry Requirements</b>		
DOSM 301	Current Topics in Medical Dosimetry .....	3
DOSM 315	Physics for Medical Dosimetry I .....	5
DOSM 321	Radiation Treatment Planning I .....	5
DOSM 322	Radiation Treatment Planning II .....	5
DOSM 331	Dosimetry of Electron Beam Therapy .....	3
DOSM 401	Clinical Education I .....	8
DOSM 402	Clinical Education II .....	8
DOSM 403	Clinical Education III .....	8
DOSM 415	Physics for Medical Dosimetry II .....	5
DOSM 442	Brachytherapy for Medical Dosimetrists .....	4
DOSM 443	Quality Assurance for Medical Dosimetry .....	3
DOSM 475	Concept Integration Case Studies .....	3
RAIT 312 OR BIOL 312	Biology of Cancer .....	5
<b>GRAND TOTAL</b> .....		<b>192</b>

& - A common course identifier recognized among Washington State Community and Technical Colleges.  
 ▲ - Course number and/or title change begins Summer 2008. Courses with previous number/title are still applicable.  
 For more information visit: [www.bellevuecollege.edu/ccn](http://www.bellevuecollege.edu/ccn).

**Program Contact Info:** [bellevuecollege.edu/programs/az/](http://bellevuecollege.edu/programs/az/) **Radiation and Imaging Sciences**

Use Degree Audit to track your progress toward completion of this degree at [bellevuecollege.edu/degreeaudit](http://bellevuecollege.edu/degreeaudit)

Please refer to [bellevuecollege.edu/programs/degrees/](http://bellevuecollege.edu/programs/degrees/) for latest degree updates and further information.

Updated: 4/13/09

Student Name: \_\_\_\_\_

SID: \_\_\_\_\_

ARRT/ARDMS/NMTCB Certification: \_\_\_\_\_

Registration No. \_\_\_\_\_

Date Certified: \_\_\_\_\_

Program Requirements			Approved Substitution*/Transfer Credit or Satisfaction of Requirement					
Courses may be subject to minimum grade requirements and prerequisites								
Course	Course Title	Cr	College or Equivalency by Certification	Course	Cr	QTR	YR	Grade
<b>Requirements</b>								
MATH 099	Intermediate Algebra	N/A						
<b>Prerequisite Requirements</b>								
National Certification in Radiation Therapy		65						
BIOL& 241 ▲	Human Anatomy and Physiology I	5						
BIOL& 242 ▲	Human Anatomy and Physiology II	5						
ENGL& 101 ▲	English Composition I	5						
MATH& 141 ▲	Precalculus I	5						
RADON 127	Sectional Anatomy	2						
Humanities	From AAS-DTA transfer list	5						
Social Science	From AAS-DTA transfer list	5						
<b>General Program and Concentration Requirements</b>								
BUS& 101 ▲	Introduction to Business	5						
CMST 330 ▲	Intercultural Communication for the Professional Practitioner	5						
ECON 315	Economics of Health Care	5						
PHIL 365	Biomedical Ethics: Theory and Practice	5						
RAIM 460	Management & Leadership in Healthcare	5						
<b>Choose 5 credits from the following:</b>		5						
ENGL 201	The Research Paper (5Cr)							
ENGL& 235 ▲	Technical Writing (5 Cr)							
<b>Medical Dosimetry Requirements</b>								
DOSM 301	Current Topics in Medical Dosimetry	3						
DOSM 315	Physics for Medical Dosimetry I	5						
DOSM 321	Radiation Treatment Planning I	5						
DOSM 322	Radiation Treatment Planning II	5						
DOSM 331	Dosimetry of Electron Beam Therapy	3						
DOSM 401	Clinical Education I	8						
DOSM 402	Clinical Education II	8						
DOSM 403	Clinical Education III	8						
DOSM 415	Physics for Medical Dosimetry II	5						
DOSM 442	Brachytherapy for Medical Dosimetrists	4						
DOSM 443	Quality Assurance for Medical Dosimetry	3						
DOSM 475	Concept Integration Case Studies	3						
RAIT 312 OR BIOL 312	Biology of Cancer	5						
<b>TOTAL:</b>		<b>183</b>						

Updated: 4/29/09

**Completed form must be submitted to the Evaluations/Graduation Office when applying for graduation.**

Graduation application deadlines: Fall Quarter - June 1; Winter Quarter - October 10; Spring Quarter - December 10; Summer Quarter - March 15

Student Signature: \_\_\_\_\_ Program Chair Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**\*Exceptions to Degree or Certificate Requirements**

- o All requests for course substitution or waiver of the degree/certificate requirements listed in the BC course catalog are petitioned to the Evaluations/Graduation Office, which forwards the petition to the Executive Dean of Instruction or designee for approval.
- o Written program chair approval is required prior to submitting the petition to the Evaluations/Graduation Office. Petition forms are available at the Evaluations/Graduation Office or online at <http://bellevuecollege.edu/enrollment/graduation/>.
- o Submit petition with supporting documentation to the Evaluations/Graduation Office prior to the final quarter for which you are graduating.