

**Department of MIRS and Allied Health  
Core Booklist  
Radiography, Nuclear Medicine, Radiation Therapy & Sonography  
Revised Updates: 10/2021**

*(Except where indicated all programs will be enrolled in course courses when offered)*

*This list is updated by finals week of each semester for the next semester's classes*

<b>Junior Courses FALL 2021</b> <i>DO NOT purchase books earlier than for the upcoming semester.</i>					
COURSE NO.	AUTHORS	BOOK TITLE	PUBLISHER EDITION, YEAR	ISBN	REQUIRED/ OPTIONAL
<b>AHS 3302</b> Embryology <i>(Sonography Only)</i>	T.W. Sadler	Langman's Medical Embryology	Lippincott, Williams & Wilkins 13th Edition, 2014	9781451191645	Required
<b>AHS 3451</b> Medical Ethics	Edge	Ethics of Health Care	Cengage 4th Edition, 2017	9781285854182	Required
<b>AHS 4413</b> Pathology	Ivan Damjanoy, MD	Pathology for the Health Professions	Saunders 5th Edition	9780323357210	Required
<b>MIRS 3152</b> Patient Care and Management	Andrea Dutton, TerriAnn Ryann	Torres' Patient Care in Imaging Technology	Walters Kluwer 9th Edition, 2018	9781496378668	Required
<b>MIRS 3193</b> Basic Rad Physics and Protection		Scientific calculator capable of Natural Log Functions is required for this course. Graphing capabilities are NOT required and programmable calculators are NOT permitted			Required

<b>Junior or Senior Course Fall 2021</b> <i>DO NOT purchase books earlier than for the upcoming semester</i>					
<b>MIRS 4152</b> Sectional Anatomy and Pathology	Michael E. Madden	Introduction to Sectional Anatomy	Lippincott, Williams & Wilkins 3rd Edition, 2012	9781609139612	Required
<i>NM and Rtx (Jrs)</i> <i>Radiography (Srs)</i>	Michael E. Madden	Introduction to Sectional Anatomy Workbook	Lippincott, Williams & Wilkins 3rd Edition, 2012	9781609139629	Optional
<b>MIRS 4173</b> Principles of Computed Tomography <i>Rtx (Jrs)</i> <i>Rad &amp; NM (Srs)</i>	Lois R. Romans	Computed Tomography for Technologist: A Comprehensive Text	Lippincott, Williams & Wilkins 2nd Edition, 2018	9781496375858	Required

<b>Senior Courses FALL 2021</b> <i>DO NOT purchase books earlier than for the upcoming semester</i>					
AHS 3312 Pharmacology  (NM & Rtx Only)	Charles D Ciccone	Pharmacology in Rehabilitation	F. A. Davis Company 5th Edition, 2015	9780803640290	Recommended
	Betram D Katzung	Basic and Clinical Pharmacology	McGraw Hill 15th Edition	9781260452310	
MIRS 4271 Correlative Imaging	Richard B. Gunderman	Essential Radiology	Thieme Publishing 3rd Edition, 2014	9781604065732	Optional
MIRS 4142 Principles of MRI (elective)  (Rad/Rtx Only)	Catherine Westbrook	MRI In Practice	Wiley-Blackwell 5th Edition	9781119392002	Required
	Michael E. Madden	Introduction to Sectional Anatomy	Lippincott 3rd Edition, 2012	9781609139612	Required
	Michael E. Madden	Introduction to Sectional Anatomy Workbook and Board Review Guide	Lippincott 3rd Edition, 2012	9781609139629	Optional

<b>Junior Courses SPRING 2022</b> <i>DO NOT purchase books earlier than for the upcoming semester</i>					
AHS 4571 Intro to Research Methods in AH	Mildred Patten	Understanding Research Methods	Pyrczak Publishing 10th Edition	9780415790529	Required
MIRS 4332 Radiobiology (Rad/NM/Rtx only)	Eric J. Hall	Radiobiology for the Radiologist	Lippincott Williams & Wilkins 8th Edition, 2018	978149633541	Required

<b>Senior Courses SPRING 2022</b> <i>DO NOT purchase books earlier than for the upcoming semester</i>					
MIRS 4452 Health Management and Law	Bernie Rubenzer	Introduction to Medical Imaging Management	CRC Press 1st Edition, 2013	9781439891834	Required
MIRS 4963 Multidisciplinary Capstone Seminar	Jose Galvan	Writing Literature Reviews: A guide for students of the social and behavioral sciences	Pyrczak Publishing 7th Edition, 2017	9780415315746	Required

This information is subject to change per instructor

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