

Medical Imaging and Radiation Sciences Textbook List 2009-2011

Bold print indicates the textbook is used for more than one course.

Italics indicate course pending approval

This information is subject to change per instructor.

Radiography

Junior Summer

AHS 3415	Sum II Jr/Core	<p>Clinical Oriented Anatomy, 6th edition, Keith L. Moore and Arthur Daily, Lippincott Williams & Wilkins</p> <p>Grant's Dissector, 14th edition, Patrick W. Tank PhD, Lippincott Williams & Wilkins</p> <p>Anatomy Syllabus - (Available via the web)</p>
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Junior Fall

AHS 3451	Fall Jr/Core	The Ethics of Health Care: A Guide for Clinical Practice, Raymond S. Edge, John Randall Groves, Delmar Publishers Inc., 3rd ed, 2005
AHS 4433	Fall Jr/Core	Course Syllabus: (available via the web)
MIRS 3111	Fall Jr/Core	Policies and Guidelines for Students, Department of Medical Imaging and Radiation Sciences (Available via the web)
MIRS 3133	Fall Jr/RAD	<p>Merrill's Atlas of Radiographic Positions and Radiologic Procedures, (Vol. I, II, III), by Philip W. Ballinger & Eugene D. Franks, 11th ed., Mosby</p> <p>Radiographic Anatomy and Positioning and Procedures Workbook, 3rd ed., (Vol.I & II), by Steven G. Hayes Sr., Mosby</p> <p>Radiographic Image Analysis, 2nd edition, Kathy McQuillen, Saunders 2006</p> <p>Workbook for Radiographic Image Analysis, 2nd edition, Kathy McQuillen, Saunders 2006</p>
MIRS 3152	Fall Jr/Core	Taylor's Clinical Nursing Skills: A Nursing Process Approach, 2 nd edition, Pamela Lynn, Lippincott Williams, & Wilkins
MIRS 3193	Fall Jr/Core	<p>Scientific calculator capable of Natural log functions is required for this course. Graphing capabilities are NOT required and programmable calculators are NOT permitted.</p> <p>RECOMMENDED BUT NOT REQUIRED Introduction to Health</p>

Physics, Herb Cember, 3rd edition McGraw-Hill Companies

RECOMMENDED BUT NOT REQUIRED Essentials of Ultrasound Physics, James A. Zagzebski, 1996, Elsevier Science

MIRS 3460 Fa/Sp/Su
Jr/RAD

Merrill's Atlas of Radiographic Positions and Radiologic Procedures, volumes I, II, & III, by Philip W. Ballinger & Eugene D. Franks, 11th ed., Mosby

Radiographic Anatomy and Positioning and Procedures Workbook, 3rd ed., (Vol. I & II), by Steven G. Hayes Sr., Mosby

AMA Manual of Style, 10th ed. Williams & Wilkins

RECOMMENDED BUT NOT REQUIRED: Pocket Guide to Radiography by Philip W. Ballinger and Eugene D. Frank, 4th ed, Mosby
OR

RECOMMENDED BUT NOT REQUIRED: Pocket Manual for Anatomy Positioning by Mary L. Madigan, Andrea Gauthier Cornuelle, & Diane H. Groenfeld, 1998

Clinical Notebook (purchase through instructor)

Junior Spring

AHS 4571 Spring
Jr/Core

Understanding Research Methods, Mildred Patten, 7th edition, Pycszak Publishing

MIRS 3172 Spring
Jr/Rad

Principles of Radiographic Imaging: An Art and A Science, Richard R. Carlton & Arlene Mckenna Adler, 4th edition, Delmar Publishers

MIRS 3232 Spring
Jr/RAD

Merrill's Atlas of Radiographic Positions and Radiologic Procedures, (Vol.I, II, III), by Philip W. Ballinger & Eugene D. Franks, 11th ed., Mosby

Radiographic Anatomy and Positioning and Procedures Workbook, 3rd ed., (Vol. I, II), by Steven G. Hayes Sr., Mosby

MIRS 3233 Spring
Jr/Rad

Principles of Radiographic Imaging: An Art and A Science, Richard R. Carlton & Arlene Mckenna Adler, 4th edition, Delmar Publishers

MIRS 3312 Spring
Jr/RAD

Radiographic Image Analysis, Kathy McQuillen Matersen, 2nd edition, Saunders 2006

Workbook for Radiographic Image Analysis, 2nd edition, Kathy McQuillen, Saunders 2006

Comprehensive Radiographic Pathology, Ronald L. Eisenberg 4th edition, Mosby, 2007

RECOMMENDED BUT NOT REQUIRED: Workbook for Comprehensive Radiographic Pathology, Ronald L. Eisenberg 4th edition, Mosby, 2007

MIRS 3460 Spring
Jr/RAD

See MIRS 3460/Junior Fall

MIRS 4332 Spring

Radiobiology for the Radiologist, 6th. edition, Eric J.

Jr/Core Hale, Lippincott Williams & Wilkins, 2005

Senior Summer

MIRS 4460 Summer Sr/RAD See MIRS 3460/Junior Fall

Senior Fall

MIRS 4112 Fall Sr/RAD See MIRS 3312/Junior Spring

MIRS 4133 Fall Sr/RAD Merrill's Atlas of Radiographic Positions and Radiologic Procedures, (Vol I, II, & III), by Philip W. Ballinger & Eugene D. Franks, 11th ed., Mosby

Radiographic Anatomy and Positioning and Procedures Workbook, 3rd ed., (Vol. I & II, by Steven G. Hayes Sr., Mosby

MIRS 4233 Fall Sr/Rad Principles of Radiographic Imaging: An Art and A Science, Richard R. Carlton & Arlene Mckenna Adler, 4th edition, Delmar Publishers

MIRS 4272 Fall Sr Core RECOMMENDED BUT NOT REQUIRED: Essential Radiology, Richard B. Gunderman, Thieme, 1998

MIRS 4460 Su/Fa/Spr Sr/RAD Merrill's Atlas of Radiographic Positions and Radiologic Procedures, (Vol. I, II, & III), by Philip W. Ballinger & Eugene D. Franks, 11th ed., Mosby

Radiographic Anatomy and Positioning and Procedures Workbook, 3rd ed., (vol. I & II), By Steven G. Hayes Sr., Mosby

RECOMMENDED BUT NOT REQUIRED: Pocket Guide to Radiography by Philip W. Ballinger and Eugene D. Frank, 4th ed, Mosby
OR
RECOMMENDED BUT NOT REQUIRED: Pocket Manual for Anatomy Positioning by Mary L. Madigan, Andrea Gauthier Cornuelle, & Diane H. Groenfeld, 1998

Senior Spring

AHS 4452 Spring Sr/Core NO TEXT

MIRS 4242 Spring Sr/RAD MRI In Practice, 3rd edition, Cathrine Westbrook and Carolyn Kaut, Blackwell Publishing.

Computed Tomography, 3rd edition, Euclid Seeram, W.B. Saunders

Introduction to Sectional Anatomy, Michael E. Madden, 2nd ed, Lippincott 2008

Introduction to Sectional Anatomy Workbook and Board Review Guide, Michael E. Madden, 2nd ed, Lippincott 2008

MIRS 4243	Spring Sr/RAD	Advanced Radiographic & Angiographic Procedures, with an Introduction to Specialized Imaging Marianne R. Tortorici, F.A. Davis Company, 1995 Sectional Anatomy for Imaging Professionals, Kelley & Peterson, Mosby, 1997
MIRS 4460	Spring Sr/RAD	See MIRS 4460/Fall Senior
MIRS 4963	Spring Sr/Core	NO TEXT

Senior Summer

MIRS 4460	Summer Sr/RAD	See MIRS 4460/Senior Fall
MIRS 4191	Summer Sr/RAD	Mosby's Comprehensive Review of Radiography, 5 th edition W. Callaway RECOMMENDED BUT NOT REQUIRED: Radiography Examination, 7 th edition, D.A. Saia, Appleton & Lange

**Medical Imaging and Radiation Sciences
Textbook List
2009-2011**

Nuclear Medicine

Junior Summer

AHS 3415	Fall Jr/Core	Clinical Oriented Anatomy, 6 th edition, Keith L. Moore and Arthur Daily, Lippincott Williams & Wilkins Grant's Dissector, 14 th edition, Patrick W. Tank PhD, Lippincott Williams & Wilkins Anatomy Syllabus - (Available via the web)
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Junior Fall

AHS 3451	Fall Jr/Core	The Ethics of Health Care: A Guide for Clinical Practice, Raymond S. Edge, John Randall Groves, Delmar Publishers Inc., 3rd ed, 2005
AHS 4433	Fall Jr/Core	Course Syllabus: (available via the web)
MIRS 3111	Fall Jr/Core	Policies and Guidelines for Students, Department of Medical Imaging and Radiation Sciences (Available via the web)
MIRS 3152	Fall Jr/Core	Taylor's Clinical Nursing Skills: A Nursing Process Approach, 2 nd edition, Pamela Lynn, Lippincott Williams, & Wilkins
MIRS 3193	Fall Jr/Core	Scientific calculator capable of Natural Log Functions is required for this course. Graphing capabilities are NOT required and programmable calculators are NOT permitted. RECOMMENDED BUT NOT REQUIRED Introduction to Health Physics, Herbert Cember, 3 rd edition McGraw-Hill Companies RECOMMENDED BUT NOT REQUIRED Essentials of Ultrasound Physics, James A. Zagzebski, 1996, Elsevier Science
MIRS 3560	Fall Jr/NM	Nuclear Medicine: The Requisites, 3rd edition, 2006, J.H. Thrall & H.A. Ziessman, Mosby

Junior Spring

AHS 4571	Spring Sr/Core	Understanding Research Methods, by Mildred Patten, 7 th edition, Pryczak Publishing
NURS 5013	Spring Jr/Core	Pharmacology in Rehabilitation, 4 th edition, Charles D. Ciccone, F.A. Davis

MIRS 3560	Spr/Su Jr/NM	AMA Manual of Style, 10th ed. Williams & Wilkins
MIRS 4332	Spring Jr/Core	Radiobiology for the Radiologist, 6th ed., Eric J. Hall, Lippincott, Williams & Wilkins, 2005.
MIRS 4513	Spring Jr/NM	Physics in Nuclear Medicine, S.R. Cherry, J.A. Sorenson, M.E. Phelps., 3rd ed., Saunders, 2003
MIRS 4534	Spring Jr/NM	Nuclear Medicine: The Requisites, 3rd edition, 2006, J.H. Thrall & H.A. Ziessman, Mosby Nuclear Medicine Technology: Procedures and Quick Reference, P. Shackett, Lippincott Williams and Wilkins, 2008

Senior Summer

MIRS 3532	Summer Jr/NM	Nuclear Medicine: The Requisites, 3rd edition, 2006. J.H. Thrall & H.A. Ziessman, Mosby Nuclear Medicine Technology: Procedures and Quick Reference, P. Shackett, Lippincott Williams and Wilkins, 2008
MIRS 3560	Summer Jr/NM	See MIRS 3560/Junior Fall and Junior Spring
MIRS 4252	Summer Jr/NM	All material on the world wide web

Senior Fall

MIRS 4272	Fall Sr Core	RECOMMENDED BUT NOT REQUIRED: Essential Radiology, Richard B. Gunderman, Thieme, 1998
MIRS 4440	Fall Sr/NM	All material on the world wide web
MIRS 4533	Fall Sr/NM	Physics in Nuclear Medicine, S.R. Cherry, J.A. Sorenson, M.E. Phelps., 3rd ed., Saunders, 2003
MIRS 4553	Fall Sr/NM	Nuclear Medicine: The Requisites, 3rd edition, 2006, J.H. Thrall & H.A. Ziessman, Mosby Nuclear Medicine Technology: Procedures and Quick Reference, P. Shackett, Lippincott Williams and Wilkins, 2008
MIRS 4560	Fa/Sp/Su Sr/NM	See MIRS 3560 Junior Fall & Junior Spring

Senior Spring

AHS 4452	Spring Sr/Core	NO TEXT
MIRS 4253	Spring NM/RadTX	Introduction to Sectional Anatomy, Michael E. Madden, 2 nd ed, Lippincott 2008 Introduction to Sectional Anatomy Workbook and Board Review Guide, Michael E. Madden, 2 nd ed, Lippincott 2008 Computed Tomography, Euclid Seeram, 3 rd edition Saunders Elsevier, 2009
MIRS 4273	Spring Sr/NM	Radiopharmaceuticals in Nuclear Pharmacy and Nuclear Medicine, R.J. Kowalsky & S.W. Falen 2 nd edition 2004. American Pharmacists Association.
MIRS 4560	Spring Sr/NM	Review of Nuclear Medicine Technology, Ann M. Steves, Society of Nuclear Medicine, New York, 2004, 3rd ed.
MIRS 4963	Spring Sr/Core	NO TEXT

Senior Summer

MIRS 4560	Summer	See MIRS 4560/Senior Fall & Spring
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Radiation Therapy

Junior Summer

AHS 3415	Fall Jr/Core	<p>Clinical Oriented Anatomy, 6th edition, Keith L. Moore and Arthur Daily, Lippincott Williams & Wilkins</p> <p>Grant's Dissector, 14th edition, Patrick W. Tank PhD, Lippincott Williams & Wilkins</p> <p>Anatomy Syllabus - (Available via the web)</p>
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Junior Fall

AHS 3451	Fall Jr/Core	The Ethics of Health Care: A Guide for Clinical Practice, Raymond S. Edge, John Randall Groves, Delmar Publishers Inc., 3rd ed, 2005
AHS 4433	Spring Jr/Core	Course Syllabus: (available via the web)
MIRS 3111	Fall Jr/Core	Policies and Guidelines for Students, Department of Medical Imaging and Radiation Sciences (Available via the web)
MIRS 3152	Fall Jr/Core	Taylor's Clinical Nursing Skills: A Nursing Process Approach, 2 nd edition, Pamela Lynn, Lippincott Williams, & Wilkins
MIRS 3193	Fall Jr/Core	<p>Scientific calculator capable of Natural Log Functions is required for this course. Graphing capabilities are NOT required and programmable calculators are NOT permitted.</p> <p>RECOMMENDED BUT NOT REQUIRED Introduction to Health Physics, Herbert Cember, 3rd edition McGraw-Hill Companies</p> <p>RECOMMENDED BUT NOT REQUIRED Essentials of Ultrasound Physics, James A. Zagzebski, 1996, Elsevier Science</p>
MIRS 3660	Fa/Sp/Su Jr/RadTx	<p>Radiation Therapy Clinical Manual (available on the web)</p> <p>Principles and Practice of Radiation Therapy: Introduction To Radiation Therapy; C. Washington, D. Leaver, 2nd edition, Elsevier 2004</p> <p>AJCC Cancer Staging Handbook, American Cancer Society, 6th Ed, Springer Verlag</p>

Junior Spring

AHS 4571	Spring Jr/Core	Understanding Research Methods, by Mildred Patten 7 th edition, Pryczak Publishing
NURS 5013	Spring Jr/Core	Pharmacology in Rehabilitation, 4 th edition, Charles D. Ciccone, F.A. Davis

MIRS 3221	Spring Jr/RadTx	Principles of Radiographic Imaging, An Art and a Science, 4 th edition, Richard R. Carlton, Thompson Delmar Publishing
MIRS 3222	Spring Jr/RadTx	Portal Design in Radiation Therapy, Dasher, Wiggers & Vann, R.L. Bryan Company, 2nd ed. 2006
MIRS 3660	Spring Jr/RadTx	See MIRS 3660/Junior Fall Principles and Practice of Radiation Oncology, 5th ed., Perez & Brady, Lippincott, 2008
MIRS 4332	Spring Jr/Core	Radiobiology for the Radiologist, 6 th edition, Eric J. Hall, Lippincott Williams & Wilkins 2005
MIRS 4733	Spring Jr/RadTx	Oncology Nursing, 5th ed., SE Otto, Mosby 2007

Junior Summer

MIRS 3660	Summer Jr/RadTx	See MIRS 3660/Junior Fall Principles and Practice of Radiation Oncology, 5th ed., Perez & Brady, Lippincott, 2008
MIRS 4603	Summer Jr/RadTX	TBA Cancer Facts and Figures, ACS (ordered through Instructor) Principles and Practice of Radiation Therapy: Introduction to Radiation Therapy; C. Washington, D. Leaver, 2nd edition, Elsevier

Senior Fall

MIRS 4272	Spring Sr Core	RECOMMENDED BUT NOT REQUIRED: Essential Radiology, Richard B. Gunderman, Thieme, 1998
MIRS 4614	Fall Sr/RadTx	The Physics of Radiation Therapy, by Faiz M. Kahn, 3rd ed., Lippincott Williams & Wilkins Quality Assurance in Radiation Therapy: A Manual for Technologists, M. Wizenberg, Ed., Medical Physics Publishing, Wisconsin (available through instructor)
MIRS 4660	Fa/Sp/Su Sr/RadTx	Radiation Therapy Clinical Manual (available on the web) Radiation Therapy Planning, Bentel et al, 2nd ed., McGraw Hill AMA Manual of Style, 10th ed., Williams and Wilkins AJCC Cancer Staging Handbook, 6 th Ed., American Cancer Society, Springer Verlag
MIRS 4703	Fall Sr/RadTx	Principles & Practice of Radiation Oncology, 5th ed., Perez and Brady, J.B. Lippincott 2008 Portal Design in Radiation Therapy, Dasher, Wiggers & Vann, R.L. Bryan Company 2nd ed 2006

Senior Spring

AHS 4452	Fall Sr/Core	NO TEXT
MIRS 4252	Spring NM/RadTX	Introduction to Sectional Anatomy, Michael E. Madden, 2 nd ed, Lippincott 2008 Introduction to Sectional Anatomy Workbook and Board Review Guide, Michael E. Madden, 2 nd ed, Lippincott 2008 Computed Tomography, Euclid Seeram, 3 rd edition Saunders Elsevier, 2009
MIRS 4660	Spring Sr/RadTx	See MIRS 4660/Senior Fall
MIRS 4723	Spring Sr/RadTx	Principles & Practice of Radiation Oncology, 5th ed., Perez and Brady, J.B. Lippincott, 2008 Portal Design in Radiation Therapy, Dasher, Wiggers & Vann, R.L. Bryan Company, 2nd ed. 2006
MIRS 4773	Spring Sr/RadTx	Radiation Therapy Planning, Bentel et al, 2nd ed., McGraw Hill The Physics of Radiation Therapy, by Faiz M. Khan, 3rd ed., Lippincott Williams & Wilkins
MIRS 4963	Spring Sr/Core	NO TEXT

Senior Summer

MIRS 4440	Summer Sr/RadTx	Radiation Therapy Planning, Bentel et al, 2nd ed., McGraw Hill
MIRS 4660	Summer Sr/RadTx	See MIRS 4660/Senior Fall

Ultrasound Physics and Instrumentation, Hendrick, Hykes, & Starchman, 4th Edition, Elsevier/Mosby, 2005

Ultrasound Clinical Notebook (Purchase Through Department)

Junior Spring

AHS 4571	Spring Jr/Core	Understanding Research Methods, Mildred Patten, 7 th ed Pryczak Publishing, 2005
MIRS 3803	Spring Jr/US	Diagnostic Ultrasound, Principles & Instrumentation, 7 th Edition, Kremkau, W.B. Saunders, 2006 Ultrasound Physics and Instrumentation, 4 th Edition, Hendrick, Hykes, & Starchman, Elsevier/Mosby, 2005
MIRS 3813	Spring Jr/US	Echocardiography: The Normal Examination and Echocardiographic Measurements, Bonita Anderson, Blackwell Publishing, 2007 Textbook of Clinical Echocardiography, Catherine Otto, 3 rd edition, Saunders 2004. Exercises in Sonography: An Introduction to Normal Structure & Sectional Anatomy, Reva Curry & Betty Bates Tempkin, 2 nd ed, W.B. Saunders, (workbook only) 2004 Textbook of Diagnostic Ultrasound: Volume I, Sandra L. Hagen-Ansert, 6 th ed, Mosby, 2006
MIRS 3833	Spring Sr/US	Textbook of Diagnostic Ultrasonography: Volume II, 6 th edition, Sandra L. Hagen-Ansert, Mosby, 2006 Exercises in Sonography: An Introduction to Normal Structures and Functional Anatomy, by Reva Curry & Betty Tempkin, 2 nd ed, W.B. Saunders, (workbook only) 2004
MIRS 3860	Spring Jr/US	<u>Sound Ergonomics</u> (877) 417-8151 ask for the <i>University of Oklahoma Package</i> . When ordering please indicate regular size cable brace (\$39) or large size cable brace (\$41). A shipping fee of \$10.95 is required for each package ordered. AMA Manual of Style 10 th Edition, Lippincott Williams & Wilkins SCAN Notebook, Sonography Competencies, SDMS Educational Foundation (Purchase Through Department) Review for The Ultrasonography Examination, Carol A. Krebs, 3 rd edition, Appleton & Lange
MIRS 3873	Spring Jr/US	Textbook of Diagnostic Ultrasound: Volume I, Sandra L. Hagen-Ansert, 6 th edition, Mosby, 2006 Exercises in Sonography: An Introduction to Normal Structures and Functional Anatomy, by Reva Curry & Betty Tempkin, 2 nd ed, W.B. Saunders, (workbook only) 2004

Junior Summer

MIRS 3860	Summer Jr/US	See MIRS 3860/Junior Spring
MIRS 4802	Fall Sr/US	Textbook of Diagnostic Ultrasound: Volume I, & Volume II, Sandra L. Hagen-Ansert, 6th ed, Mosby, 2006 Exercises in Sonography: An Introduction to Normal Structures and Functional Anatomy, by Reva Curry & Betty Tempkin, 2nd ed, W.B. Saunders, (workbook only) 2004

Senior Fall

MIRS 4272	Spring Sr/Core	RECOMMENDED BUT NOT REQUIRED: Essential Radiology, Richard B. Gunderman, 2 nd ed, Thieme, 2006
MIRS 4803	Fall Sr/US	Diagnostic Ultrasound, Principles & Instrumentation, 7th Edition, Kremkau, W.B. Saunders, 2006 Ultrasound Physics and Instrumentation, 4th Edition, Hendrick, Hykes, & Starchman, Elsevier/Mosby, 2005
MIRS 4853	Summer Jr/US	Introduction to Vascular Ultrasonography, by William Zwiebel, 5 th edition, W.B. Saunders, 2004 RECOMMENDED BUT NOT REQUIRED: Vascular Technology: An Illustrated Review, by Claudia Rumwell & Michalene McPharlin, 3 rd ed, Davies Publishing, 2004 Exercises in Sonography: An Introduction to Normal Structures and Functional Anatomy, by Reva Curry & Betty Tempkin, 2nd ed, W.B. Saunders, (workbook only) 2004
MIRS 4860	Fa/SP/Su Sr/US	See MIRS 3860/Junior Fall, Spring & Summer

Senior Spring

AHS 4452	Fall Sr/Core	NO TEXT
MIRS 4811	Spring Sr/US	NO TEXT
MIRS 4813	Spring Jr/US	Echocardiography: The Normal Examination and Echocardiographic Measurements, Bonita Anderson, Blackwell Publishing, 2007 Textbook of Clinical Echocardiography, Catherine Otto, 3rd edition, Saunders 2004. RECOMMENDED BUT NOT REQUIRED: The Echocardiographer's Pocket Reference, Terry Reynolds, School of Cardiac RECOMMENDED BUT NOT REQUIRED: Echocardiography; Harvey

Feigenbaum, 6th edition, Lippincott, Williams & Wilkins, 2004.

See MIRS 3813/Junior Spring

MIRS 4832	Spring Sr/US	Textbook of Diagnostic Ultrasonography: Volume I & II, 6th edition, Sandra L. Hagen-Ansert, Mosby, 2006
MIRS 4860	Spring Sr/US	See MIRS 4860/Senior Fall
MIRS 4963	Spring Sr/Core	NO TEXT

Senior Summer

MIRS 4860	Summer Sr/US	See MIRS 4860/Senior Fall
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