# DIAGNOSTIC RADIOLOGY TRAINING Radiologist vs. NP

MICHIGAN RADIOLOGICAL

SOCIETY

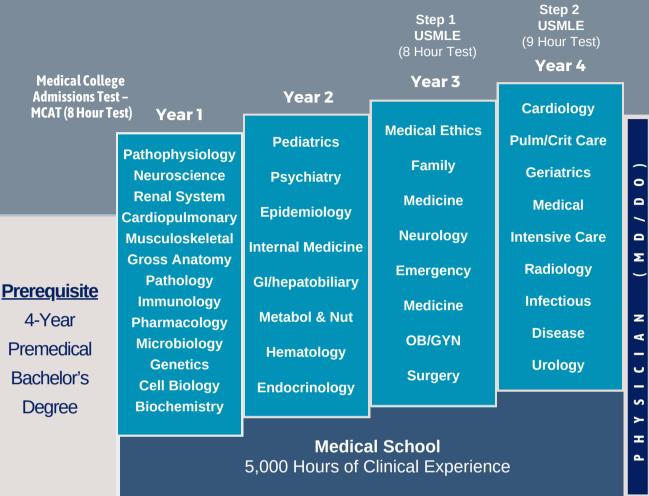
YEARS

# Diagnostic Radiologist

**MCAT** - Medical College Admissions Test

**USMLE** - U.S. Medical Licensing Exam

ABR/AOBR – American Board of (Osteopathic) Radiology



(including Physics) Step 3 USMLE Year 9 Year 8 Year 7 (16 Hour Test) Vascular/ Year 6 MSK Imaging Year 5 Interventional **Thoracic** Abd Imaging Thoracic **Imaging Nuclear Imaging Breast Imaging** Neurology **Imaging Abd Imaging** Nuclear Imaging Fluoroscopy Neuroradiology **Emergency ER** Radiology 0 **OB/Ultrasound** Neuroradiology Medicine **Elective Nuclear Imaging** Neuroradiology **Peds Imaging General Surgery ER Radiology Nuclear Imaging Ultrasound** Vascular/IR Internal Ultrasound Musculoskeletal **Peds Imaging** AIRP (rad-path) Medicine Vascular/IR Imaging (MSK Vascular/IR Ultrasound **RadiolSurgical Imaging)** Breast Imaging **ER Radiology MSK Imaging** Subspecialty Pediatric Vascular/IR DIAGNOS Radiology Imaging (Peds) **Family Medicine** Residency 12,000 Hours of Radiology Experience Internship 3.000 Hours of Clinical Experience

Radiology Board Core Exam Radiology Board
Core Exam
(including Physics)

\*Certificate of Added Qualification – CAQ Exam

Year 10 - Year 12

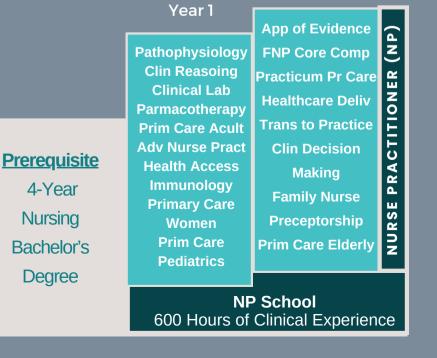


Experience

Year 2 NP Certification Exam (4 Hour Test)

## Nurse Practitioner

(No radiology certification exists for NPs)



12.000+ 20.000 **Years of** Radiologist 9+ graduate **Hours of dedicated Hours of clinical** education **RADIOLOGY training** training **\***0 600 Years of NURSE graduate **Hours of clinical Hours of dedicated PRACTIONER** education **RADIOLOGY training** training

# INTERVENTIONAL RADIOLOGY (IR) TRAINING

IR vs. NP

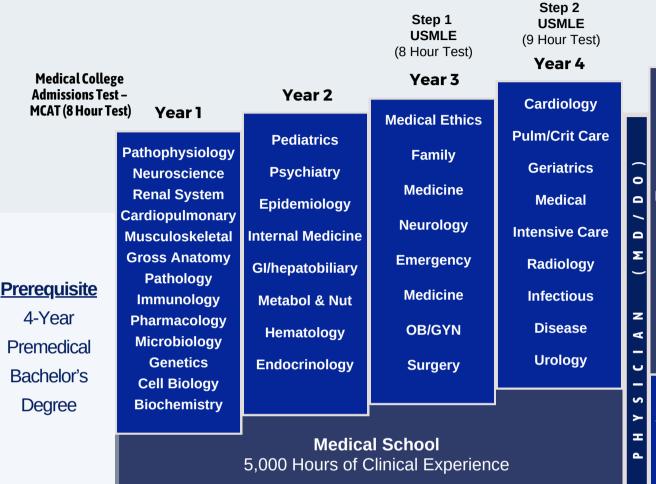


# **Diagnostic Radiologist**

**MCAT** - Medical College **Admissions Test** 

**USMLE-U.S.** Medical Licensing Exam

ABR/AOBR - American Board of (Osteopathic) Radiology



**Radiology Board** Core Exam (including Physics) Year 9 Step 3 Year 8 USMLE Year 7 (16 Hour Test) Year 6 **MSK Imaging** Year 5 **Thoracic Abd Imaging** Thoracic Imaging Vascular/ **Imaging Breast Imaging** Neurology **Fluoroscopy** Interventional **Abd Imaging Nuclear Imaging Emergency** Neuroradiology **ER Radiology OB/Ultrasound** Medicine **Nuclear Imaging** Neuroradiology **Peds Imaging General Surgery Surgical Ultrasound** Nuclear Imaging Vascular/IR **Internal Medicine Elective** Musculoskeletal RadiolSurgical AIRP (rad-path) **ER Radiology Peds Imaging** Imaging (MSK Diagnostic Vascular/IR Subspecialty Ultrasound Imaging) Radiology **ER Radiology** Radiology **MSK Imaging** Pediatric Imaging **Family Medicine** Vascular/IR (Peds) Internship Residency

12,000 Hours of Radiology Experience

3,000 Hours of

Clinical

Experience

**Radiology Board Core Exam** (including Physics)

\*Certificate of **Added Qualification** - CAO Exam

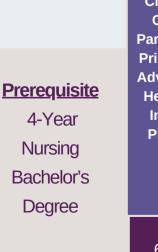
**Year 10 - Year 12** 



Year 2 NP Certification Exam (4 Hour Test)

## Nurse **Practitioner**

(No radiology certification exists for NPs)







\*Curriculum may vary based on program. This graphic is based on available data.

# DIAGNOSTIC RADIOLOGY TRAINING Physicians vs Chiropractors Step 2

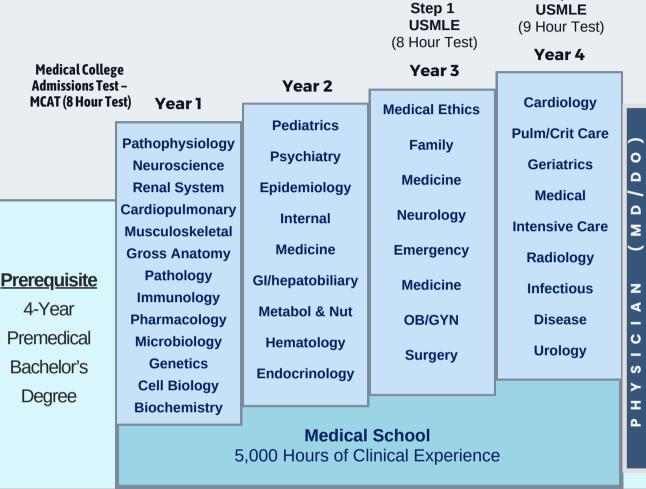
**MICHIGAN** RADIOLOGICAL

# Diagnostic **Radiologist**

**MCAT** - Medical College Admissions Test

**USMLE** - U.S. Medical **Licensing Exam** 

ABR/AOBR - American Board of (Osteopathic) Radiology



**Chiropractic College** 

2010 Hours of Chiropractic Experience

**Core Exam** (including Physics) Step 3 Year 9 Year 8 USMLE Year 7 (16 Hour Test) Year 6 Vascular/ **MSK Imaging** Year 5 **Thoracic Abd Imaging** Interventional Thoracic Imaging **Imaging** Neurology **Breast Imaging Nuclear Imaging Fluoroscopy Abd Imaging Nuclear Imaging Emergency** Neuroradiology Neuroradiology **ER Radiology OB/Ultrasound** Medicine **Elective Nuclear Imaging Peds Imaging** Neuroradiology **ER Radiology General Surgery Ultrasound** Vascular/IR **Nuclear Imaging** AIRP **Ultrasound** Musculoskeletal Internal Medicine **Peds Imaging** (rad-path) Vascular/IR **Imaging (MSK RadiolSurgical Ultrasound** Vascular/IR Imaging) **Breast Imaging MSK Imaging** Subspecialty ER Radiology **Pediatric Imaging** Vascular/IR Radiology (Peds) Family Medicine Residency

12,000 Hours of Radiology Experience

**Radiology Board** 

**Radiology Board Core Exam** (including Physics) \*Certificate of Added **Oualification - CAO Exam** 

RADIOLOGI

UBSPECI

**Year 10 - Year 12** 

**Abdominal Imaging Breast/Women's Imaging Emergency Radiology** \*Interventional Radiology **Musculoskeletal Imaging** \*Neuroradiology **Nuclear Imaging** \*Pediatric Imaging **Thoracic Imaging** 

**Fellowship** 3,000-9,000 Hours of Subspecialty Radiology Experience

#### Part III NBCE (4.5-Hour Test) Part I, II ABCR **Part II NBCE** Year 6 + Physiotherapy (optional) Year 5 Part I NBCE (5-(5-Hour Test)) Year 4 Hour Test) Year 3 **Special Topics Special Topics** Year 2 College Educa **Neuroimaging** Year 1 Disturb of Bone **Pharmacology Disturb of Bone** Cong Abnl **Chest Imaging** Chiro Practice Clinical **Princ Diag Imag Anatomy Chest Imaging Arthridities Phlebotomy Arthridities Teaching Pract** Internship **Neoplasms** Histology **Health Psych Exp Design Neoplasms** GI/GU Imaging Dermatology **Biochemisty Myofasc Techn GI/GU Imaging Exp Analysis Neuroimaging** Rehabilitation **Professionalism Thesis Neuroimaging Derang of Joints Pharmacology Prerequisite Technique** Sports Medicine **Derang of Joints Business of Physical Inj of** Radiology Minimum 3 Years 0 **Physical Inj of** Radiology Microbiology **Practice Skel System Diff Diagnosis** of Undergraduate **Skel System Rad Physics** Management Homeopathy

I

Internship

3.000 Hours

of Clinical

Experience

**Chiropractic Residency** 

810 Hours of Chiropractic Radiology Experience

**Radiologist** 

9+ Years of graduate education

20,000 **Hours of** clinical training

12,000+ **Hours of RADIOLOGY** training

# Chiropractor

6.5+ Years of graduate education

2010 **Hours of** clinical training

810 **Hours of RADIOLOGY** training

## Chiropractor

**NBCME - National Board** of Chiropractic Examiners ABCR – American Board of Chiropractic Radiology

Education

Nutrition

# DIAGNOSTIC RADIOLOGY TRAINING Radiologist vs. NP Step 1 USMLE (8 Hour Test) Year 4 Medical College

Year 2 Cardiology **MCAT (8 Hour Test)** Year 1 **Medical Ethics Pulm/Crit Care Pediatrics Pathophysiology Family Geriatrics** Neuroscience **Psychiatry Renal System** Medicine Medical **Epidemiology** Cardiopulmonary **Diagnostic** Neurology **Intensive Care** Musculoskeletal Internal Medicine **Gross Anatomy Radiologist** Radiology **Emergency Pathology GI/hepatobiliary Prerequisite** Infectious **Immunology** Medicine **Metabol & Nut** MCAT - Medical College 4-Year **Pharmacology Disease** OB/GYN Admissions Test Microbiology **Premedical** Hematology **Genetics Urology USMLE** - U.S. Medical Surgery Bachelor's **Cell Biology Endocrinology Licensing Exam** Degree **Biochemistry** ABR/AOBR - American **Medical School** Board of (Osteopathic) 5,000 Hours of Clinical Experience Radiology

(including Physics) Step 3 USMLE Year 9 Year 8 Year 7 (16 Hour Test) Vascular/ Year 6 MSK Imaging Year 5 Interventional **Thoracic** Abd Imaging Thoracic **Imaging Nuclear Imaging** Neurology **Breast Imaging Imaging Abd Imaging** Nuclear Imaging Fluoroscopy Neuroradiology **Emergency ER** Radiology 0 **OB/Ultrasound Neuroradiology** Medicine **Elective Nuclear Imaging** Neuroradiology **Peds Imaging General Surgery ER Radiology Nuclear Imaging Ultrasound** Vascular/IR Internal Ultrasound Musculoskeletal **Peds Imaging** AIRP (rad-path) Medicine Vascular/IR Imaging (MSK Vascular/IR Ultrasound Σ **RadiolSurgical Imaging) Breast Imaging ER Radiology MSK Imaging** Subspecialty Pediatric Vascular/IR DIAGNOS Radiology Imaging (Peds) **Family Medicine** Residency 12,000 Hours of Radiology Experience Internship 3.000 Hours of Clinical Experience

Radiology Board \*Certificate of Added
Core Exam Qualification – CAQ
(including Physics) Exam

Year 10 - Year 12

Abdominal Imaging

Breast/Women's Imaging

Emergency Radiology

\*Interventional Radiology

Musculoskeletal Imaging

\*Neuroradiology

Nuclear Imaging

\*Pediatric Imaging

Thoracic Imaging

Fellowship

Fellowship 3,000-9,000 Hours of Subspecialty Radiology Experience

Year 2 NP Certification Exam (4 Hour Test)

# Nurse Practitioner

(No radiology certification exists for NPs)



**Years of** 20,000 12,000+ graduate Radiologist 9+ **Hours of clinical Hours of dedicated** education training **RADIOLOGY training** 600 **Years of NURSE** graduate **Hours of clinical Hours of dedicated PRACTIONER** education training **RADIOLOGY training** 

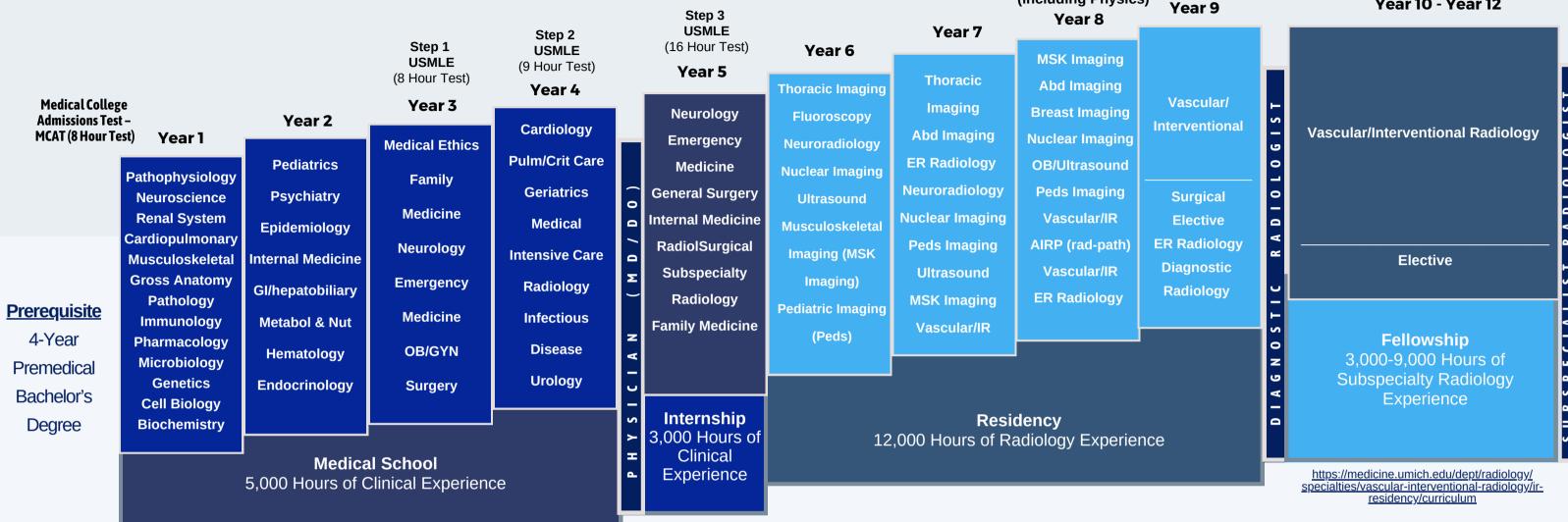
Radiology Board Core Exam

# INTERVENTIONAL RADIOLOGY (IR) TRAINING IR vs. NP

**Radiology Board Core Exam** (including Physics)

\*Certificate of **Added Qualification** - CAO Exam

**Year 10 - Year 12** 





**Diagnostic** 

**Radiologist** 

Admissions Test

**USMLE-U.S.** 

Radiology

**MCAT** - Medical College

Medical Licensing Exam

ABR/AOBR - American

Board of (Osteopathic)

(No radiology certification exists for NPs)



4-Year

Degree



**Radiology Board** 

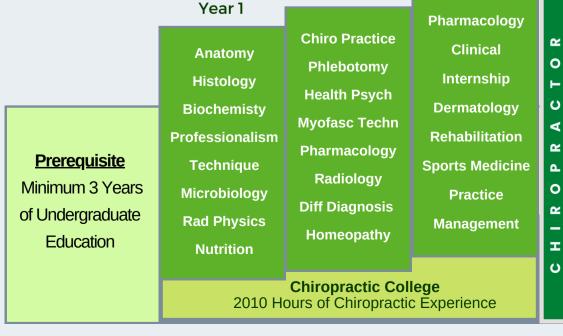
Core Exam (including Physics)

> \*Curriculum may vary based on program. This graphic is based on available data.

#### DIAGNOSTIC RADIOLOGY TRAINING **Radiology Board** \*Certificate of Added **Radiology Board Core Exam Oualification - CAO Core Exam** (including Physics) **Exam** Physicians vs Chiropractors (including Physics) **Year 10 - Year 12** Step 3 Year 9 Year 8 USMLE Step 2 Year 7 (16 Hour Test) USMLE Step 1 Year 6 **Abdominal Imaging** USMLE Vascular/ (9 Hour Test) **MSK Imaging** Year 5 (8 Hour Test) **Breast/Women's Imaging Thoracic Abd Imaging** Interventional Year 4 Thoracic Imaging **Emergency Radiology Medical College** Year 3 **Imaging** Neurology **Breast Imaging Nuclear Imaging Admissions Test -**Year 2 **Fluoroscopy** RADIOLOGI \*Interventional Radiology MCAT (8 Hour Test) Cardiology Year 1 **Abd Imaging Nuclear Imaging Medical Ethics Emergency** Neuroradiology Neuroradiology **Musculoskeletal Imaging Pediatrics ER Radiology OB/Ultrasound** Pulm/Crit Care **Pathophysiology** Medicine **Elective** Family **Nuclear Imaging** \*Neuroradiology **Peds Imaging Psychiatry** Neuroradiology **Geriatrics** Neuroscience **ER Radiology General Surgery Nuclear Imaging Ultrasound** Vascular/IR Medicine **Nuclear Imaging Renal System Epidemiology** Medical AIRP \*Pediatric Imaging **Ultrasound** Musculoskeletal Internal Medicine Cardiopulmonary **Peds Imaging** Neurology Internal **Diagnostic Intensive Care** (rad-path) Musculoskeletal **Thoracic Imaging** Vascular/IR **Imaging (MSK RadiolSurgical Ultrasound** Medicine **Radiologist Gross Anatomy Emergency** Vascular/IR Radiology Imaging) **Breast Imaging MSK Imaging** Subspecialty **Pathology Prerequisite** GI/hepatobiliary ER Radiology Medicine Infectious **Pediatric Imaging** Vascular/IR **MCAT** - Medical College **Immunology Fellowship** UBSPECI Radiology 4-Year **Metabol & Nut Admissions Test** (Peds) 3,000-9,000 Hours of **Pharmacology** OB/GYN **Disease Family Medicine Premedical** Subspecialty Radiology Microbiology Hematology **USMLE** - U.S. Medical **Urology** Surgery Experience **Genetics** Residency Bachelor's **Licensing Exam Endocrinology** 12,000 Hours of Radiology Experience **Cell Biology** Internship Degree **Biochemistry** 3.000 Hours ABR/AOBR - American of Clinical Board of (Osteopathic) **Medical School** Experience Radiology



**NBCME - National Board** of Chiropractic Examiners ABCR – American Board of Chiropractic Radiology



5,000 Hours of Clinical Experience

Part I NBCE (5-

Hour Test)

Year 2

**Part II NBCE** 

(5-Hour Test))

Year 3

#### Part III NBCE (4.5-Hour Test) Part I, II ABCR Year 6 + Physiotherapy (optional) Year 5 Year 4 **Special Topics Special Topics** College Educa **Neuroimaging** Disturb of Bone **Disturb of Bone Cong Abnl Chest Imaging Princ Diag Imag Chest Imaging Arthridities Arthridities Teaching Pract Neoplasms Exp Design Neoplasms** GI/GU Imaging **GI/GU Imaging Exp Analysis Neuroimaging Thesis Neuroimaging Derang of Joints Derang of Joints Business of Physical Inj of Physical Inj of** Radiology **Skel System Skel System Chiropractic Residency** 810 Hours of Chiropractic Radiology Experience

**Radiologist** 

9+ Years of graduate education

20,000 **Hours of** clinical training

training

Chiropractor

6.5+ Years of graduate education

2010 **Hours of** clinical training

810 **Hours of RADIOLOGY** training

12,000+

**RADIOLOGY** 

**Hours of**