2027-2028 DRAFT 9.16.26

B.S. in Medical Imaging - Radiologic Technology + CT

(Grace College degree completed in partnership with John Patrick University)

GRACE CORE (39 credits)

Students will integrate faith and learning across disciplines, demonstrate foundational knowledge and ways of knowing, cultivate characteristics of maturity in relationships with God, others, self, and the world, and apply knowledge to all aspects of life through intellectual and practical skills.

1000-Level Courses

First-Year Learning Communities

FYE 1000	First-Year Foundations	3
BIB 1050	Exploring the Bible	3
PSY 1200	Essentials of Behavioral Science	3
HIS 1050	Current Issues in Historical Context	3

First-Year Learning Competencies

ENG 1100	Effective Writing	3
COM 1100	Public Speaking	3

2000-Level Courses

	HUM 2100	Creative Arts & Culture	3
@	HUM 2000	Global Perspectives	3
	SCI 2030	Faith, Science, & Reason	3
	HUM 2010-30	Cross-Cultural Field Experience	0
@	BIB 2010	Scripture and Interpretation	3

3000-Level Courses

	ECN 3000	Consumer Economics	3
	PHI 3010	Christianity and Critical Thinking	3
@	BIB 3300	Essential Doctrinal Themes	3

ADDITIONAL GENERAL EDUCATION--B.S. DEGREE (6 credits)

Satisfies B.S. Degree

MAT 1120	College Algebra	3
PHY 2120	Physics Fundamentals for Medical Ir	3

THE MAJOR (79 Credits)

REQUIRED BIOLOGY COURSES (12 credits)

	BIO 1040	Intro to Medical Terminology	1
	BIO 2010/2020	Anatomy & Physiology I + Lab	4
@	BIO 2040/2050	Anatomy & Physiology II + Lab	4
@	BIO 3710	Pathophysiology	3

REQUIRED PHYSICAL SCIENCE COURSES (4 credits)

CHM1010/1020	Intro to Chemistry + Lab	4

GRACE MEDICAL IMAGING COURSE (3 credits)

IMG 3030	Introduction to Patient Care	3

Required CT Completion (31 credits)

†	IMA 4060/CT406	CT Procedures	4
†	IMA 4080/CT408	CT Instumentation & Imaging Physic	4
†	IMA 4120/CT412	CT Anatomy & Pathology Correlatio	3
†	IMA 3140/RS314	Pharmacology	3
†	IMA 4210/CT421	Clinical Practice (CT)	5
†	CT414	Planar & Volumetric Post-Processing	3
†	CT416	Advanced Techniques in CT	3
†	IMA 3520/BIOL35	Imaging & Sectional Anatomy	4
†	IMA 4030/RS 435	Reseach Methods & Capstone	2

† Grace/JPU — Required Medical Imaging Core (6 credits)

†	IMA 4000/CT400	Orientation to Computed Tomography	1
†	RTE218	Radiation Biology and Protection	2
†	RTE220	Orientation to Advanced Modalities	1
†	RTE120	Medical Ethics & Law	1
†	RTE214	Radiation Physics	1

† Grace/JPU — Required RAD Concentration (23 credits)

†	RTE110	Radiographic Procedures I + Lab	2
†	RTE115	Introduction to Imaging Principles	1
†	RTE210	Radiographic Procedures II + Lab	3
†	RTE212	Radiographic Procedures III + Lab	3
†	RTE215	Principles of Radiographic Exposure	2
†	RTE216	Digital Imaging	1
†	RTE150	Clinical Practice I	4
†	RTE250	Clinical Practice II	4
†	RTE222	Radiology Review & Capstone	3

GRADUATION REQUIREMENTS

To receive a degree, each student must satisfy checksheet requirements, earn 124 credit hours, have a 2.2 GPA in major courses, a 2.0 in minor courses, and a GPA of 2.0 overall. It is the student's responsibility to work with his/her advisor and monitor progress toward these goals. Some majors and/or minors may have more stringent guidelines.

IS A MINOR REQUIRED WITH THIS MAJOR? NO

Notes about this major:

CHECKSHEET TOTAL CREDITS: 124

TOTAL CREDITS NEEDED TO GRADUATE: 124

† ***Indicates a course taught by a partner college/university.***

@ ***Indicates a course with prerequisites. Please review catalog for prereqs.***