



UHC Curriculum Guide for Bachelor of Science in Neurodiagnostic Technology* (2022 - 2023)

A Ministry of the Marianites of Holy Cross



Curriculum for students without professional training in Neurodiagnostic Technology.

Course	Description	Hrs	Gr.	Sem.	Course	Description	Hrs	Gr.	Sem.
General Education Core Curriculum					Major Area Courses				
BIO 261	Human Anatomy and Physiology I	3			BIO 262	Human Anatomy and Physiology II	3		
BIO 261L	Human Anatomy and Physiology I Lab	1			BIO 262L	Human Anatomy and Physiology II Lab	1		
ENG 101	English Composition I	3			BIO 303	Pharmacology	3		
ENG 102	English Composition II	3			BIO 453	Clinical Pathophysiology	4		
HIS	History Elective	3			BIO 455	Neuroscience	4		
MAT 105	College Algebra	3			BIO 457	Cardiorespiratory Physiology	3		
PHI 207	Introduction to Logic and Critical Thinking	3			BIO 457L	Cardiorespiratory Physiology Lab	1		
PSY 101	General Psychology	3			CHE 105 <u>or</u> CHE 141	General, Organic and Biochemistry <u>or</u> General Chemistry	3		
SPE 101	Fundamentals of Public Speaking	3			CHE 105L <u>or</u> CHE 141L	General, Organic and Biochemistry <u>or</u> General Chemistry (Lab)	1		
THE 285	Theology and Healthcare Ethics	3			Other Required Courses				
Additional General Education Requirements					HSC 110	Medical Terminology	3		
ART/FNA/MUS	Fine Arts Elective	3			HSC 200	Patient Evaluation	2		
ENG	Literature Elective	3			HSC 330	Electrocardiography	3		
HIS	History Elective	3				Free Electives	4		
MAT	Math Elective (above MAT 105)	3			Professional Training Component				
PHI	Philosophy Elective	3			NDT 300	EEG IA	2		
PHY 151	General Physics I	3			NDT 302	EEG IB	1		
PHY 151L	General Physics I Lab	1			NDT 305 <u>or</u> NDT 370	Biomedical Instrumentation and Electronics <u>or</u> Epilepsy + Critical Care Monitoring	3		
PHY 152	General Physics II	3			NDT 315	Clinical Neurology	3		
PHY 152L	General Physics II Lab	1			NDT 325	EEG II	3		
THE	Theology Elective	3			NDT 330	Correlative Neurology	3		
	Social Science Elective	3			NDT 335	Clinical Internship I	3		
					NDT 340	EEG III	4		
					NDT 350	Nerve Conduction Studies, Evoked Potentials, & Polysomnography	3		
					NDT 360	Clinical Internship II	3		

Total General Education Core

57

Total Curriculum

120

* Admission to the Neurodiagnostic Technology Professional Training Component is on a competitive basis. Students accepted into the professional training component attend classes for twelve months.