



UHC Curriculum Guide for Bachelor of Science in Neurodiagnostic Technology* (2023 - 2024)

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	4			BIO 262	Human Anatomy and Physiology II	4		
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	4		
PHI 207	Introduction to Logic and Critical Thinking	3			CHE 105/L or CHE 141/L	General, Organic and Biochemistry or General Chemistry	4		
PSY 101	General Psychology	3			Other Required Courses				
SPE 101	Fundamentals of Public Speaking	3			HSC 110	Medical Terminology	3		
THE 285	Theology and Healthcare Ethics	3			HSC 200	Patient Evaluation	2		
Additional General Education Requirements					HSC 330	Electrocardiography	3		
ART/FNA/MUS	Fine Arts Elective	3				Free Electives	4		
ENG	Literature Elective	3			Professional Training Component				
HIS	History Elective	3			NDT 300	EEG IA	2		
MAT	Math Elective (above MAT 105)	3			NDT 302	EEG IB	1		
PHI	Philosophy Elective	3			NDT 305 or 370	Biomedical Instrumentation and Electronics or Epilepsy + Critical Care Monitoring	3		
PHY 151 + 151L	General Physics I (lecture + lab)	4			NDT 315	Clinical Neurology	3		
PHY 152 + 152L	General Physics II (lecture + lab)	4			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.