



## UHC Curriculum Guide for Bachelor of Science in Neurodiagnostic Technology\* (2020 - 2021)

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.
<b>General Education Core Curriculum</b>					<b>Major Area Courses</b>				
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 <u>or</u> CHE 141	General, Organic and Biochemistry <u>or</u> General Chemistry	4		
PSY 101	General Psychology	3			<b>Other Required Courses</b>				
SPE 101	Fundamentals of Public Speaking	3			HSC 110	Medical Terminology	3		
THE 285	Theology and Healthcare Ethics	3			HSC 200	Patient Evaluation	2		
<b>Additional General Education Requirements</b>					HSC 330	Electrocardiography	3		
ART/FNA/MUS	Fine Arts Elective	3				Free Electives	4		
ENG	Literature Elective	3			<b>Professional Training Component</b>				
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	Biomedical Instrumentation and Electronics	4		
PHY 151	General Physics I	4			NDT 315	Clinical Neurology	3		
PHY 152	General Physics II	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	3		
					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.