

**Neurodiagnostic Technology
Bachelor of Health Science Curriculum Plan
121 Total Degree Hours**

Fall Trimester

Course	Course Name	Hours
ENG 101	English Composition I	3
MAT 110/240	College Algebra/Elements of Calculus	3
AHS 202	Medical Terminology	2
HSC 104	Baptist College Experience	1
COM 211/220	Speech/Intercultural Communication	3
Total Credit Hours		12

Spring Trimester

Course	Course Name	Hours
ENG 102	English Composition II	3
HSC 301	U.S. Health Care Systems	3
PSY 201	General Psychology	3
BIO 201	Anatomy and Physiology I	4
Total Credit Hours		13

Summer Trimester

Course	Course Name	Hours
SOC 201	Medical Sociology	3
ENG	Literature Elective	3
PHI	Philosophy Elective	3
REL	Religion Elective	3
Total Credit Hours		12

Fall Trimester

Course	Course Name	Hours
NDT 101	Introduction to Neurodiagnostics	3
NDT 201	Patient Prep & Instrumentation w/lab	3
NDT 202	App. of Neuroscience Concepts	3
NDT 203	Normal Dev, Ped & Adult EEG	3
Total Credit Hours		12

Spring Trimester

Course	Course Name	Hours
NDT 204	Seizures and Neurological Disorders	3
NDT 205	Basic EP & Neuromonitoring w/Lab	3
NDT 206	Nerve Conduction Studies w/Lab	3
NDT 290	Clinical Practicum I	1
Total Credit Hours		10

Summer Trimester

Course	Course Name	Hours
NDT 291	Clinical Practicum II	6
Total Credit Hours		6

Fall Trimester

Course	Course Name	Hours
BIO 202	Anatomy and Physiology II	4
PHY 200	Physics I	4
NDT 308	Neuroanatomy for Neurodiagnostics I	3
Total Credit Hours		11

Spring Trimester

Course	Course Name	Hours
BIO 301	Pathophysiology	3
PHY 205	Physics II	4
NDT 302	Long-term & Continuous EEG Monitoring	3
NDT 311	Neuroanatomy for Neurodiagnostics II	3
Total Credit Hours		13

Summer Trimester

Course	Course Name	Hours
HCM 440	Legal Environment in Health Care	3
BIO 320	Cross Sectional Anatomy	2
NDT 402	Autonomic Disorders and Testing	3
NDT 401	Introduction to MEG	3
Total Credit Hours		11

Fall Trimester

Course	Course Name	Hours
NDT 403	LTM in Epilepsy Surgery	3
NDT 404	Case studies in Neurodiagnostics	3
NDT 405	Neuroimaging for NDT	3
MAT 211/HSC 320	Statistics or Research elective	3
Total Credit Hours		12

Spring Trimester

Course	Course Name	Hours
NDT 406	Neuropsychology and Assessments	3
NDT 410	Capstone Scholarly Project	6
Total Credit Hours		9



Block Credit awarded for credentials:

ABRET: R. EEG T.

ABRET: R. EP T.

AAET: R. NCST or AANEM: CNCT

ABRET: CLTM

ABRET: CMEG

ABRET: CAP

Students applying who have a current **R. EEG T.** will receive block credit for:

NDT 101 Introduction to Neurodiagnostics
NDT 201 Patient Prep and Instrumentation w/Lab
NDT 202 Application of Neuroscience Concepts
NDT 203 Normal Developmental, Pediatric and Adult EEG
NDT 204 Seizures and Neurological Disorders
NDT 290 Clinical Practicum I
NDT 291 Clinical Practicum II

Students applying who have a current **R. EP T.** will receive credit for:

NDT 205 Basic EP and Neuromonitoring w/Lab

Students applying who have a current **R. NCST or CNCT** will receive credit for:

NDT 206 Nerve Conduction Studies

Students applying who have a current **CLTM** will receive block credit for:

NDT 302 Long-term Monitoring and Continuous EEG
NDT 403 LTM in Epilepsy Surgery

Students applying who have a current **CMEG** will receive credit for:

NDT 401 Introduction to Magnetoencephalography

Students applying who have a current **CAP** will receive credit for:

NDT 402 Autonomic Disorders and Testing