



**Transfer Pathway: Alvin Community College  
AAS Neurodiagnostic Tech to Lamar University  
BS University Studies - Health Sciences**



Prerequisites for Alvin AAS in Neurodiagnostic Technology: BIOL 2401+, BIOL 2402+, ENGL 1301+, and Math Core+ (MATH 1342 recommended).

First Year - Freshman							
Fall Semester				Spring Semester			
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
ENDT 1310		Neuroanat & Phys	3	CA or LPC Core		CA or LPC Core+	3
ENDT 1345		App Elect & Instrum	3	ENDT 1463		Clinical Electro-neuro Tech	4
ENDT 1350		Electro-enceph.	3	ENDT 2320		Electro-neuro Tech I	3
HPRS 1304		Basic Health Prof Skills	3	SOCI 1301		Intro to Sociology+	3
Total			12	Total			13
Summer Semester							
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
ENDT 1271		Pattern Recog	2	ENDT 2463		Clinical II Electro-neuro	4
ENDT 2425		Electro-neuro Tech II	4				
Total			6	Total			3
Second Year - Sophomore							
Fall Semester				Spring Semester			
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
ENDT 2571		Adv NDT Proced	5	ENGL 1302		English Comp II	3
ENDT 2661		Clinical III Electro-encephal	6	Comm Core		Comm Core	3
				History Core		History Core	3
				090 Core		090 Core	3
Total			11	Total			12
Summer Semester							
ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
Total			0	Total			0
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar	Course Name	Hrs		Lamar	Course Name	Hrs	
AASC 3301	Lifelong Learning	3		POLS 2302	Political Science II	3	
HIST Core	History Core	3		CA or LPC Core	CA or LPC Core	3	
POLS 2301	Political Science I	3		ENGL 3311	Technical Writing	3	
Acad Area 1	Approved Academic Area 1	3		Acad Area 2	Approved Academic Area 2	3	
Acad Area 2	Approved Academic Area 2	3		Acad Area 3	Approved Academic Area 3	3	
Total			15	Total			15
Summer Semester							
Lamar	Course Name	Hrs		Lamar	Course Name	Hrs	
Total			0	Total			0
Fourth Year - Senior							
Fall Semester				Spring Semester			
Lamar	Course Name	Hrs		Lamar	Course Name	Hrs	
Acad Area I	Approved Academic Area I	3		AASC 4301	Senior Seminar	3	
Acad Area I	Approved Academic Area 1	3		Acad Area I	Approved Academic Area I	3	
Acad Area 2	Approved Academic Area 2	3		Acad Area 2	Approved Academic Area 2	3	
Acad Area 3	Approved Academic Area 3	3		Acad Area 3	Approved Academic Area 3	3	
Total			12	Total			12

**Notes:**

+Denotes core requirement. Speak with Department chair or Academic Advisor for proper course selection.

**LU Major Specific Courses - Academic Area 1, 2, and 3:** Students should consult an LU University Studies department advisor for list of approved courses relevant to each academic area.

**LU Pre-Nursing Concentration:**

This is an optional concentration. Students intending to enter the Nursing program must opt into the pre-Nursing concentration.

- (1) MATH 1314 College Algebra (can apply to core)
- (2) Statistics: PSYC 2317 or MATH 1342 (either can apply to core)
- (3) BIOL 2401 Anatomy & Physiology I and BIOL 2402 Anatomy and Physiology II (can apply to core)
- (4) BIOL 2421 Microbiology (for majors)
- (5) CHEM 1306 and 1106 Chemistry for Allied Health Sciences with lab (can apply to core)
- (6) NUTR 1322 Basic Nutrition
- (7) PSYC 2315 Lifespan Development
- (8) NURS 2373 Basic Pathophysiology
- (9) NURS 2213 Theories in Nursing

Letter grade of C or higher is required for courses in the pre-Nursing concentration. Additional requirements must be satisfied for possible admission into the Nursing program. Please discuss Nursing program requirements with your academic advisor.

**LU Technical Credit Policy:**

The University Studies program allows students to use technical credit to satisfy degree requirements under the following conditions:

- Technical credit may not be substituted for upper division courses.
- Technical credit must be from a regionally accredited institution.
- Technical credit must be applied en bloc to the relevant degree program.
- Students must have satisfactorily completed technical courses with at least a grade of C or demonstrated satisfactory performance.
- Students may not apply for credit for the same technical skills through the narrative course process; in addition, students may not use both technical credit and prior experiential credit to satisfy degree requirements.
- Students may not apply more than 36 hours of technical credit to a degree. However, the specific number of technical hours applicable to each University Studies track varies to account for required coursework. Students should discuss technical credit with an academic advisor in the Department of University Studies.