

EDUCATIONAL NEUROSCIENCE, BS

The purpose of the Educational Neuroscience B.S. Program is to train future educational practitioners, administrators, and researchers in the interdisciplinary field of educational neuroscience. The rapidly expanding area of behavioral neuroscience has led to new ways of understanding the learning process and the conditions under which learning occurs. Tomorrow's educators will need to be well-versed in these new research traditions in order to be better able to design and deliver instruction.

Curriculum Plan		Hours
Year One: Semester 1		
BSC 108	Intro Biology Non Maj I (or BSC 114/115; BSC 114/115 for pre-med)	4
EN 101	English Composition	3
MATH 125	Calculus I (MATH 112, MATH 113, or MATH 115 should be taken, IF NEEDED as prerequisite, before taking MATH 125.)	4
PY 101	Intro To Psychology	3
UA Core - Fine Art		3
Credit Hours Subtotal:		17
Year One: Semester 2		
ANT 100	Anthropology and Humanity	3
BSC 109	Intro Biology Non Maj II (or BSC 116/117; BSC 116/117 for pre-med)	4
EN 102	English Composition	3
PH 101	General Physics I	4
HD 101	Life Span Human Development	3
Credit Hours Subtotal:		17
Year Two: Semester 1		
BSC 215	Human Anatomy & Physiology I	4
BSC 220	Biol Evol (Fall Only)	3
CH 101	General Chemistry	4
SPE 300	Survey Spe Accomd Stratg	3
UA Core - Literature		3
Credit Hours Subtotal:		17
Year Two: Semester 2		
BEP 220	Brain, Learning, and Cognition	3
CH 102 or PH 102	General Chemistry General Physics II	4
HD 205	Early and Middle Child Dev	3
PHL 260	Mind and Nature	3
UA Core - History (HY 115 or HY 116 is recommended.)		3
Credit Hours Subtotal:		16
Year Three: Semester 1		
BEP 310	Lab-based Research Practicum	1
BEP 330	Comput. Methods in Ed Neuro	3
BER 345	Educational Statistics	3
PY 352	Developmental Psych	3
UA Core - Computer		3
UA Core - Literature or History		3
Credit Hours Subtotal:		16
Year Three: Semester 2		
BEP 310	Lab-based Research Practicum	1

BEP 305	Educational Psychology	3
BER 346	Expt Methods Ed Neuro	3
PY 313	Sensation and Perception (Spring Only)	3
UA Core - Writing		3
UA Core - Computer		3
Credit Hours Subtotal:		16
Year Four: Semester 1		
BEP 310	Lab-based Research Practicum	2
BEP 400	Tpcs Ed Neuro: Numerical Cogn	3
BEP 460	Tpcs Ed Neuro:Read, Lang, Brn	3
BEP 490	Electrophysiology	4
PY 470	Intro Cognitive Psychlgy	3
Credit Hours Subtotal:		15
Year Four: Semester 2		
BEP 310	Lab-based Research Practicum	2
BEP 420	Tpcs in Ed Neuro: Sci Thinking	3
BEP 450	Tpcs Ed Neuro:Mor Psy & Et Dev	3
BEP 480	Neuroimaging	4
UA Core - Writing		3
Credit Hours Subtotal:		15
Total Hours		129