



EDUCATIONAL NEUROSCIENCE (CERTIFICATE)

The Educational Neuroscience certificate is a stand-alone credential providing a foundation in basic neuroscience, neuroanatomy, and data collection/analytic methods applied to educational contexts.

Description

Neuroscience and neuroscience research in education-related areas is one of the fastest growing research areas in the U.S. and internationally. Educational Neuroscience is a rapidly emerging field that incorporates the study of neurodevelopment in typical and diverse developing populations. It brings together researchers in basic neuroscience (e.g., cognitive, developmental, social and affective), applied neuroscience in education (speech/language/literacy development) and child psychology.

This certificate program covers a range of skills important to most educational contexts: neuroanatomy, physiology and brain function and acquisition and analyses of neuroimaging and other data acquisition procedures. There is a specific focus on emotional and cognitive development and on the neural foundations of speech/language development and literacy.

Students will apply relevant neuroscience principals to educational contexts: Affective processing and management (including psychopathology), cognitive development, speech/language development, and language and literacy applications. This certificate program also develops the ability to apply and interpret underlying neuroscience principals to challenges learners present in educational contexts.

Program-Related Information

Certificate Advisor

Carrie Clark
402-472-2223
caron.clark@unl.edu

Program Website

<https://cehs.unl.edu/edpsych/programs-certificates-and-minors/educational-neuroscience-certificate/>

Applying for Admission

Standard requirements for all graduate programs

- Application for Admission with \$50 non-refundable application fee (<https://graduate.unl.edu/admissions/requirements/#appfee>).
- Transcripts (<https://graduate.unl.edu/admissions/requirements/#transcripts>) (unofficial): Uploaded as part of application form.

If International: Uploads must include all college- or university-level transcripts or mark sheets (records of courses and marks earned), with certificates, diplomas, and degrees plus certified English translations.

After admission: Official documents are required from all students who are admitted and enroll. Photocopies of certified records are not acceptable. International students enrolled in other U.S. institutions may have certified copies of all foreign records sent directly to the Office of Graduate Studies by their current school's registrar office.

- If applicant's native language is not English, verification of English proficiency (<https://graduate.unl.edu/admissions/english-proficiency/>) is required.

When sending TOEFL scores, our institution code is 6877 and a department code is not needed.

- If applicant is not a US citizen and expects an F or J visa: financial information (<https://graduate.unl.edu/prospective/international/financial/>).
- Applicants must also fulfill any additional requirements the department specifies at the time of application.

Additional requirements specific to this program

- Resume/CV
- Personal Statement: Describe why you want to pursue this certificate.
- Letters of Recommendation: A) Students not currently enrolled in UNL graduate programs (new UNL graduate students) require three letters of recommendation. A minimum of two academic references is preferred. B) Applicants who are currently in enrolled in graduate programs at UNL must have their primary academic advisor submit one brief letter stating support for certificate program enrollment.
- All certificate applicants will be required to fill out a Course of Studies form. Currently, a minimum of four of the courses offered must be included to fulfill requirements. Two core courses, EDPS 922 and PSYC 865, are required for all students.

Certificate programs are not considered degree programs, so international students should be aware that admission to this program is ineligible for immigration forms for an F-1 student visa.

Admission Application Deadlines

- January 15th (for Summer start or early consideration for the following Fall)
- May 1st (for starting the following Fall)
- October 1st (for starting the following Spring)

Requirements

Complete 12 credit hours of electives approved by the Certificate Program Advisor.

Required Courses ^(12 credits)		12
PSYC 865	Behavioral Neuroscience	3
or EDPS 922	Mind, Brain, and Education	
EDPS 991	Contemporary Topics in Educational Psychology	3
SLPA 995	Doctoral Seminar (Neural Basis of Reading)	3
SLPA 995	Doctoral Seminar (Neuroimaging & Language Disorders)	3

Courses Taught at UNMC

- NSC 820 Methods in Neuroscience
- NSC 932 Systems Neuroscience