

Neuroscience and Education Specialization– Curriculum & Instruction

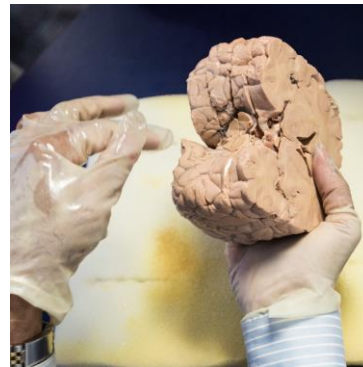


Neuroscience and Education:

The Neuroscience and Education program at La Sierra University is designed to prepare a new kind of specialist, a professional educator who can bridge the gap between research underlying brain science and the problems encountered in educational K-12 school settings.

We focus on:

- Brain behavior relationships
- Brain science and emotional learning
- Brain science and academic
- Brain science and spirituality



Courses in the Specialization: 15 units

- **EDCI 545 Neuroscience and Learning:**
Designed to aid all educators in understanding what current neuroscience research reveals about the learning process. Examines and compares current educational practice with neuroscience findings. Encourages development of curriculum that incorporates holistic principles for learning and teaching.
- **EDCI 664 Social and Emotional Intelligence: (or EDPC 651)**
Explores research and theoretical knowledge relevant to emotional and social functions as they contribute to learning education, the work place, and personal psychological adjustment and thriving. Investigates and emphasizes the science of holistic development in terms of physical, mental and social/emotional/spiritual function in educational settings.
- **EDCI 655 Critical Issues in Neuroscience and Pedagogy:**
Considers legitimacy of studying education/learning from neuroscience perspective.
- **EDCI 711 Biological Foundations of Education I: (or EDPC 711)**
Study of anatomy and physiology of the brain as it relates to behavior and learning.
- **EDCI 712 Biological Foundations of Education II:**
Continuation of studies begun in EDCI 711 with additional topics on internal regulation, reproductive behavior, movement, psychological disorders, and more.

Apply Today

Apply online with the admissions office at www.lasierra.edu/apply

Meet Our Faculty/Staff

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Neuroscience
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