Bachelor in Neuroscience - Minor in Faith-Based Brain Health and Education
HBI University
Course Duration: 3 years
Credit Hours: 135 (including minor)



Program Description

The Bachelor in Neuroscience at HBI University provides students with an in-depth understanding of the brain, neural processes, and behavioral science. This program prepares students for careers in neuroscience research, clinical practice, and healthcare.

The Minor in Faith-Based Brain Health and Education complements this degree by integrating Christian principles into mental health care, brain health education, and therapeutic practices. Students will explore the spiritual dimensions of brain health, integrating faith with cutting-edge neuroscience to support holistic healing and education.

Admissions Requirements

- High school diploma or equivalent
- Minimum GPA of 2.5
- Personal statement outlining career goals and interest in neuroscience
- Two letters of recommendation
- Resume (if applicable)
- SAT/ACT scores (if applicable)

General Education Courses (30 Credit Hours)

Course Code	Course Name	Credit Hours
GEN 101	English Composition I	3
GEN 102	English Composition II	3
GEN 103	College Algebra	3
GEN 104	Introduction to Philosophy	3
GEN 105	Introduction to World Religions	3
GEN 106	Public Speaking and Communication	3
GEN 107	Ethics and Critical Thinking	3
GEN 108	Research Methods	3
GEN 109	Leadership and Team Development	3
GEN 110	Cross-Cultural Communication	3

Core Neuroscience Courses (45 Credit Hours)

Course Code	Course Name	Credit Hours
NSC 201	Introduction to Neuroscience	3
NSC 202	Neuroanatomy and Physiology	3
NSC 203	Neurobiology of Behavior	3
NSC 204	Neurochemistry and Neurotransmitters	3
NSC 205	Cognitive Neuroscience	3
NSC 206	Neurogenetics and Disease Mechanisms	3
NSC 207	Sensory and Motor Systems	3
NSC 208	Neuroplasticity and Brain Development	3
NSC 209	Psychopharmacology	3
NSC 210	Neurological Disorders and Therapy	3
NSC 211	Brain Imaging and Experimental Techniques	3
NSC 212	Neuropathology and Disease Models	3
NSC 213	Research Methods in Neuroscience	3
NSC 214	Neuroscience of Learning and Memory	3
NSC 215	Capstone: Neuroscience Research Project	3

Elective Courses (15 Credit Hours)

Course Code	Course Name	Credit Hours
ELEC 301	Neuroscience of Addiction and Recovery	3
ELEC 302	Ethics in Neuroscience and Faith-Based Care	3
ELEC 303	Neuroscience of Aging and Neurodegeneration	3
ELEC 304	Neuroscience of Spirituality	3
ELEC 305	Neurofeedback and Brain Training	3

Minor in Faith-Based Brain Health and Education (15 Credit Hours)

Course Code	Course Name	Credit Hours
FBH 401	Faith-Based Approaches to Brain Health	3
FBH 402	Spiritual Perspectives on Mental and Cognitive Health	3
FBH 403	Brain Health Education in Faith Communities	3
FBH 404	Faith-Based Mental Health Support Systems	3
FBH 405	Christian Counseling and Cognitive Therapy	3

Capstone Project (15 Credit Hours)

The capstone project in Neuroscience allows students to apply research techniques and brain health concepts in real-world settings. Students will:

- Develop a research paper or case study on brain health and mental wellness.
- Investigate the integration of neuroscience and faith-based mental health practices.
- Create an educational program or resource to promote brain health in faith-based communities.
- Present findings through a research paper and community outreach program.

Program Outcomes

Graduates of this program will:

- Master the scientific principles of neuroscience, brain health, and behavior.
- Integrate faith-based perspectives into the understanding and treatment of mental health issues.
- Utilize neuroscience research and therapeutic interventions to support brain health.
- Develop brain health education programs for faith-based and community organizations.

- Lead initiatives in neuroscience research, mental health advocacy, and therapeutic services.

Career Outcomes and Potential Pay Scale

Career Path	Average Salary (Annual)
Neuroscientist	$70,000 - $140,000
Clinical Neuropsychologist	$80,000 - $150,000
Neurotherapist	$60,000 - $120,000
Brain Health Educator	$55,000 - $100,000
Cognitive Rehabilitation Specialist	$65,000 - $120,000