



## ABOUT THE PROGRAM

What makes your brain light up? Is it a passion for helping others discover what makes them tick? Or does your future lie in expanding your understanding of the mind through research?

Wherever your interests lead you, you are in the right place. Our Bachelor of Science in Neuroscience is taught through the lens of biology and psychology to provide you with a deeper understanding of the mind within a broader context, preparing you for a wide range of career paths in health care.

## WHAT DO YOU HAVE IN MIND FOR YOUR FUTURE?

When you choose UHSP, you are choosing innovation.

Our curriculum integrates principles from psychology, biology and neuroscience and unpacks the biochemical and biophysical processes of neurotransmission, among so much more, and serves as the perfect foundation to pursue **graduate and advanced study** in the fields of:

- **Neuroscience**
- **Medicine**
- **Psychiatry**

## PUT YOUR DEGREE TO WORK

With your UHSP degree in hand, you will be prepared to take on the job market and bridge the scientific understanding of the mind with the empathy necessary for many of these rewarding careers.

- **Counseling**
- **Social Work**
- **Health Education**
- **Therapy**
- **Research**
- **Technical Writing**
- **Addiction Treatment**
- **Law Enforcement**



## UNDERGRADUATE RESEARCH WITHIN YOUR FIRST YEAR

Research is a part of who we are and what we do — that is why we created several opportunities for students like you to gain valuable research experience alongside expert faculty and clinicians within your first year as a student at UHSP.

- Uncover new avenues to treat pain and addiction
- Identify novel antidiabetic agents to support diabetes research
- Create safer analgesics for pain relief
- Study better ways to control invasive animal populations
- Develop treatments for life-threatening conditions

No matter what research you have the chance to take part in, you'll have the opportunity to share your findings and learn from your peers and faculty mentors during the annual Student Research Symposium and other events throughout the year.

Learn more at [uhsp.edu/research](https://uhsp.edu/research).

## FIND A CAREER THAT INSPIRES YOU

Our B.S. in Neuroscience program covers a broad spectrum of disciplines that provide you with knowledge, experience and insight into a number of diverse fields.

The Center for Career Services and Education at UHSP is here to help you explore those career options, build your personal brand and make the connections necessary for a satisfying career **before you head out into the world**.

Learn more at [uhsp.edu/careercenter](https://uhsp.edu/careercenter).

*Continued on reverse*



Below is a sample four-year plan of study for the Bachelor of Science in Neuroscience program. Courses and time to complete the program varies based on each student's interests, course placements, earned credits and academic progress.

FIRST YEAR			
Fall Semester	15 credit hrs	Spring Semester	17 credit hrs
Introductory Biology I	4 credit hrs	Introductory Biology II	4 credit hrs
General Chemistry I	4 credit hrs	General Chemistry II	4 credit hrs
The Effective Writer	3 credit hrs	Writer as Advocate	3 credit hrs
Statistics for Health Sciences	3 credit hrs	Applied Calculus for Health Professionals	3 credit hrs
Foundations of Learning	1 credit hr	Humanities and Fine Arts General Education	3 credit hrs
SOPHOMORE YEAR			
Fall Semester	17 credit hrs	Spring Semester	14 credit hrs
Human Anatomy	4 credit hrs	Human Physiology	4 credit hrs
Genetics	3 credit hrs	Organic Chemistry II	4 credit hrs
Organic Chemistry I	4 credit hrs	Principles of Sociology	3 credit hrs
Principles of Psychology	3 credit hrs	Health Care Communication	3 credit hrs
Humanities and Fine Arts General Education	3 credit hrs		
JUNIOR YEAR			
Fall Semester	16 credit hrs	Spring Semester	15 credit hrs
Neuroscience Foundations	3 credit hrs	Biological Basis of Perception and Movement	3 credit hrs
Biochemistry	4 credit hrs	Biochemistry II	3 credit hrs
Developmental Psychology	3 credit hrs	Cell Biology	3 credit hrs
Elective	3 credit hrs	Elective	3 credit hrs
Humanities and Fine Arts General Education	3 credit hrs	Case Studies in Abnormal Psychology	3 credit hrs
SENIOR YEAR			
Fall Semester	15 credit hrs	Spring Semester	12 credit hrs
Cognitive Neuroscience	3 credit hrs	Clinical Neuropathology	3 credit hrs
Pathophysiology	3 credit hrs	300- or 400-Level Writing Intensive Elective	3 credit hrs
Social Science Research Methods	3 credit hrs	Elective	3 credit hrs
Elective	3 credit hrs	300- or 400-Level Elective	3 credit hrs
Elective	3 credit hrs		
TOTAL: 121 CREDIT HOURS			